

Muhammet TURŞAK

- Extended Curriculum Vitae and Portfolio -

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📅 **Date of Birth** : January, 1982
📍 **Place of Birth** : Kocaeli / TURKEY

🇹🇷 **Nationality** : Turkish
✈️ **Military Obligation** : Performed (*completed in 2008*)
🚗 **Driving License** : A Class (*since October 2005*)

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1. PERSONAL CAREER GOAL

My Vision:

My vision is undertaking key roles within ecosystem of global level successful software projects that are excellent examples of their sector in terms of both business value and technologies advancements.

My Mission:

My mission as a chief software architect for companies producing large-scale information systems is to lead core development team to develop frameworks, building blocks and tools to provide a highly time and cost effective, easy-to-maintain, highly scalable, robust, secure and high-performance ground platforms for enterprise level products.

Positions:

- Software Group Director (2 years of experience)
- Research & Development Director (2 years of experience)
- Project Manager (5+ years of experience)
- Software Architect (2+ years of experience)
- Software Team Leader (5+ years of experience)

2. PROFESSIONAL SUMMARY

15+

years of

**Professional
Experience**

10+

years of

**Management
Experience**

13+

years of

**.NET
Experience**

15+

years of

**Web
Development
Experience**

- ✓ 50+ Total Projects
- ✓ 10+ Research & Development Projects
- ✓ 5+ National Projects
- ✓ 5+ International Projects
- ✓ 4 Major Domains

3. PROFESSIONAL WORK EXPERIENCE

☰ *DataSel Information Systems Co.*

2012 - Present Senior Software Architect and Group Leader
2011 - 2012 Senior Software Developer

☰ *Fonet Software Co.*

2010 - 2011 Research & Development Director
2009 - 2010 Software Team Leader

☰ *Halıcı Informatics & Software Co.*

2007 - 2008 Software Production and Planning Director
2005 - 2007 Project Manager and System Analyst
2004 - 2005 .NET Application Developer

☰ *METU Computer Education and Instructional Tech. Dep.*

2003 - 2004 Web Programmer and Designer

☰ *METU Informatics Institute*

2003 - 2004 Software Developer
2002 - 2003 Web Developer & Designer

☰ *Labris Technology*

2003 - 2004 Web Developer & Designer

☰ *IEEE METU Student Club*

2003 - 2004 Chief of Web Team

☰ *METU Communication Club*

2002 - 2003 Web Developer & Designer

☰ *Netteyim.net*

2001 - 2002 Webmaster

☰ *Informatics Association of Turkey / Youth Branch*

2000 - 2001 Webmaster

4. AWARDS





XI. Technology Awards Finalist in Turkey - 2014

 Issuer: Tubitak, TTGV, TUSIAD





AviCenna VKBS is selected as finalist in XI. Technology Awards organized by TTGV, TUBITAK, TUSIAD in Turkey. It is a R&D projects about DRG Costing Calculation that also used by MOH of Turkey in 2011 and the first DRG costs and DRG weighted values are calculated by AviCenna VKBS in Turkey.

5. PROJECTS

Major Domains

 Health Informatics 20+ projects 7+ years of exp.	 E-Learning 10+ projects 8+ years of exp.	 ERP & CMS 10+ projects 7+ years of exp.	 E-Commerce 5+ projects 5+ years of exp.
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Major Project Types

 Software Development Frameworks 5+ projects 8+ years of exp.	 Enterprise Portal Systems 15+ projects 10+ years of exp.	 Backend Services 8+ projects 10+ years of exp.	 Online Video & Conferencing 5+ projects 8+ years of exp.
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Other project types:

- Desktop Applications
- Console & Windows Desktop Applications
- Network Applications
- Automation Systems and Web Robots
- Editor/Designer Applications
- Video and Live Broadcasting Applications
- Games, Multimedia Projects & Graphics Design

Major Customers

International:

- Lifewatch AG - USA
- Ministry of Health - KSA
- Ministry of Interior - KSA
- Ministry of Health - Uzbekistan
- UNHCR
- Papers & Rogers
- Democratic Left Party

Turkey:

- Lifewatch Türkiye
- Ministry of Health
- Ministry of Education
- General Directorate of Security
- Public & Private Hospitals
- National Productivity Center
- Turkish Democracy Foundation
- Turkish Intelligence Foundation

Major Business Partners

International:

- Ucell
- Etisalat
- HAAD & GreenRain
- Welch Allyn
- Cisco
- IBM

Turkey:

- TTNET
- Avea
- Eczacıbaşı
- Koç System
- METU

Major Projects

1. Avicenna PDFW Web Framework
2. Fonet Framework
3. Avicenna Product Development Framework
4. Fonet Studio
5. Avicenna Telemedicine Platform (ATTP)
6. Lifewatch Telemetry Monitoring Portal
7. Avicenna ATTP Mobile
8. Avicenna Case-Mix Information System (Vaka Karmaşı Bilgi Sistemi)
9. Avicenna Clinical Coding Quality Rule Engine (CQRE)
10. Eczacıbaşı Sağlık Takipçim (ATHP)
11. Remote Patient Management System (RPMS)
12. Fonet Advanced Log Module
13. Avicenna Emergency Information Management System
14. Avicenna Ambulance Information Management System
15. Avicenna Clinical Management System (Cms)
16. Halsoft e-Learning Portal
17. Halsoft Portal
18. Online Course Management System (OCMS)
19. General Directorate Of Security Distance Education Portal
20. Distance Education Portal Of Ankara University
21. Democratic Left Party (Official Web Portal)
22. BÖTEB Online
23. The UN Refugee Agency Turkey (Official Web Portal)
24. Customer Support Center
25. METU Communication Club (Official Web Portal)
26. XMessenger
27. Efsane
28. EDİSA (E-Learning Content Authoring Tool)

Major Projects Details

AVICENNA PDFW WEB FRAMEWORK

 DataSel Information Systems Co.  Software Development Framework

It is an **Enterprise Application Development Framework**. Ultimate goal is to develop a single enterprise framework to develop for both **Web** and **Mobile** platforms that can be deployed as web projects or native mobile applications.

The framework provides fundamentals for both front-end and backend of the system. Front-end is based on web technologies **HTML5**, **CSS3**, **JS** libraries. **AngularJS** and **JQuery** are the main JS libraries for the programming of the front end. **Twitter Bootstrap** and some animation libraries were utilized for the front end visualization. **Responsive** and adaptive visual layout principles are applied and supported by the use of bootstrap and the special build-in features and options of the framework. Front-end mainly provides advanced data-enabled advanced components (like Dynamic Grids & DataForms) and also core framework environment & libraries for front end.

Backend is based on **ASP.NET MVC**, **WebApi**, **EntityFramework**, **RepositoryPattern**, **C#**, **JSON**. Also security and optimization layers are implemented.

Major components: Data Grid, Data Form, Dynamic Field Editor, Base Repositories, Base WebApis, Scheme Serializer, Authentication & Authorization, Menu & Routing Manager, Notifications

Technologies: VS.NET, C#, ASP.NET MVC & WebApi, EntityFramework, LINQ, AngularJS, RequireJS, Bootstrap, linqJS, AngularStrap, JQuery, Ajax, MS SQL Server

Standards: JSON, OAuth

AVICENNA ATTP

 *DataSel Information Systems Co.*  *Telemedicine Platform*

It is a telemedicine platform consists of various submodules including order management module, ecg monitoring and medical report delivery module, inventory module, kitting workflows module, supply-chain management module, integrations module, reporting module and security modules.



System is developed by using Avicenna PDFW Web Framework.

Backend is based on **ASP.NET MVC, WebApi, EntityFramework, RepositoryPattern, C#, JSON**. Also security and optimization layers are implemented. In frontend, single-page application architecture is implemented by using AngularJS and TypeScript.

Technologies: VS.NET, C#, ASP.NET MVC & WebApi, EntityFramework, LINQ, AngularJS, TypeScript, RequireJS, Bootstrap, linqJS, AngularStrap, Jquery, Ajax, MS SQL Server

Standards: JSON, oAuth

LIFEWATCH TELEMETRY MONITORING PORTAL

 *DataSel Information Systems Co.*  *Telemedicine Platform*

Project is a international project with multiple partners from various countries (Turkey, USA, Switzerland, Israel, Macedonia).

It is a full featured telemedicine platform developed based on Avicenna ATTP. It consists of multiple sub-systems: Avicenna ATTP, Telemedicine System (Jasmine), Microsoft Dynamic NAV with CRM module and 3rd Party Call-Center solutions. System also has integrations with other sub-systems and some extra external services like Cargo, SMS, VPOS etc.



Major modules are:

- Integrations (telemedicine system, microsoft NAV, VPOS, cargo etc.)
- Order Management
- Medical Report Delivery
- Stock Management
- Reporting
- Security Management

Technologies: VS.NET, C#, ASP.NET MVC & WebApi, EntityFramework, LINQ, AngularJS, TypeScript, RequireJS, Bootstrap, linqJS, AngularStrap, Jquery, Ajax, MS SQL Server

Standards: JSON, oAuth



AVICENNA ATTP MOBILE

 *DataSel Information Systems Co.*  *Mobile Client Application*

It is a mobile client application for Avicenna ATTP. Target users are doctors that has accounts on ATTP portal. Application is developed as an hybrid mobile application by using Ionic2 and Cordova.

Technologies: Apache Cordova, Ionic2, Angular4, TypeScript, HTML5, CSS3, JS, JSON, oAuth, VS Code, npm, webpack

FONET FRAMEWORK

 *Fonet Software Co.*  *Software Development Framework*

It is an **Enterprise Rapid Application Development Framework**. Ultimate goal is to develop a single enterprise framework for software development targeted to both **Desktop** and **Web** platforms.

Major features: DataGrid, DataForm, Rich and Extendable Form Input Editors, DAL fundamentals, Special data binding system, debugging screen and features, table, view and advanced relations supported by DAL, support for **multiple different database systems**, built-in **developer tools**, dynamic navigation & menu system with advanced **authorization**, different data source support, build-in charting & data visualization, managable/customizable visual layouts, auto generated search&filter forms etc.

Technologies: VS.NET, C#, ADO.NET, DevArt, Oracle, MS SQL, MySQL, PL/SQL, T-SQL, FastReports, CrystalReports

FONET STUDIO

 *Fonet Software Co.*  *Software Development IDE*

A complete Runtime Form & Screen Design Editor based on Fonet Framework.

Major features:

- Fully drag & drop enabled, Visual Studio like Form Design Editor
- Form design is stored on the database (Oracle, SQL Server etc.)
- Immediate data entry supported
- Authorization system integration supported
- Create, Read, Update, Delete operations are supported on forms designed
- Listing, paging, basic and advanced search features are enabled
- Toolbox is provided
- Event driven custom script injection is supported
- Dynamic report template design is supported, provides advanced report designer & viewer integrated with dynamic form
- Seamless navigation system integration
- Placing dynamic forms from on main menu is supported
- Opening dynamic forms programmatically is enabled
- Build-in Basic components;
 - Textbox, databox, numericbox, listbox, combo, multilinebox, checkbox etc.
 - Tab, groupbox and such kind of layout components
 - Build-in advanced components: Advanced vector based drawing and image editor (for PACS related screens), HIS Patient List, HIS Patient Details, HIS Patient Lab Reports, HIS Patient Action Links,

Technologies: VS.NET, C#, ADO.NET, DevArt, Oracle, MS SQL, MySQL, PL/SQL, T-SQL, FastReports, CrystalReports

AVICENNA PRODUCT DEVELOPMENT FRAMEWORK



 DataSel Information Systems Co.  Software Development Framework

It is an **Enterprise Application Development Framework for Silverlight, WPF and WP7** platforms. The ultimate goal was to provide a shared component set, libraries and fundamentals for common tasks & needs.

Major components: Grid, Form, Async operation libs, MVVM utilities, entity management, localization, extensions, converters etc.


Technologies: VS .NET, C#, Silverlight, WCF RIA Services, EntityFramework, LINQ, Telerik RAD Controls, Telerik Reporting, ASP.NET, MS SQL Server

AVICENNA CASE-MIX INFORMATION SYSTEM / VAKA KARMASI BİLGİ SİSTEMİ

 DataSel Information Systems Co.  Health Service Costing System

It is a complete **DRG** Costing Solution. I designed and implemented the architecture, managed the project, developed reusable advanced components, coordinated and lead the team.

Project was also used in about 80 hospitals from all over the Turkey, even biggest ones. We collected and analyzed more than 50M clinical and financial records. Eventually, we have calculated the first official DRG costs and weighted DRG values of Turkey.

 This project is selected as **finalist in XI. Technology Awards** organized by TTGV, TUBITAK and TUSIAD in TR (11.04.2014)



Major Components:

- Clinical Data Collection Module (UI+Webservices)
- DRG Code Calculation for given Case (by using Grouper)
- Costing Data Collectin Tool (UI+Webservice)
- Costing Processing and Clinic Unit Costing Calculation Module
- DRG Weighted Value Calculation
- Analyzing and Reporting Modules for DRG Data

Technologies: VS .NET, C#, Silverlight, WCF RIA Services, EntityFramework, LINQ, Telerik RAD Controls, Telerik Reporting, ASP.NET, MS SQL Server, MySQL, COM Port communication

Customer: Ministry of Health / Turkey

AVICENNA CLINICAL CODING QUALITY RULE ENGINE (CQRE)

 *DataSel Information Systems Co.*  *Rule Engine*

It is a rule engine to execute clinical coding rules and evaluate the quality of clinical data coding.

Major components: Online Rule Engine Editor, Rule Management & Categorization, Rule Executing Engine, Backend Webservices to Execute Rules, Admin Management Screens

Technologies: MS Azure, VS .NET, C#, MS SQL Server, EntityFramework, LINQ, ASP.NET MVC and WebApi, AngularJS, JSON, HTML5, JS, CSS3

NOTE: System is deployed on MS Azure VMs (both App and SQL Server)

ECZACIBAŞI SAĞLIK TAKİPCİM (ATHP)



 *DataSel Information Systems Co.*  *Telemedicine Information System*

It is an online telemedicine information system. A set of telemedicine devices are used by patients, and doctors can monitor patient's measurements as online and can take actions (such as call patient/relatives, call ambulance etc.) according the emergency of the situation. It is still in use by Eczacıbaşı Sağlık Hizmetleri.

Major modules: Device integration & data collection, data review & action taking, payment & accounting, device & delivery management

Technologies: VS .NET, C#, Silverlight, WCF RIA Services, EntityFramework, LINQ, Telerik RAD Controls, Telerik Reporting, ASP.NET, MS SQL Server, MySQL, COM Port communication

REMOTE PATIENT MANAGEMENT SYSTEM (RPMS)

 *DataSel Information Systems Co.*  *Clinical Information Management System*

It is a health information management system for practitioners to perform examinations of patients from remote locations by using build-in **video conferencing system**, digital patient archive and related extra modules.

Major components: VideoConferencing System (Client+Server), Clinical Management System, PACS Viewer integration, Telemedicine Device Integration

Technologies: MS Azure, VS .NET, C#, Silverlight, WCF RIA Services, EntityFramework, LINQ, Telerik RAD Controls, Telerik Reporting, ASP.NET, MS SQL Server

Protocols: Speex, H.264, G.726, G.721, JPEG

Customers: Ministry of Interior / Kingdom of Saudi Arabia

AVICENNA EMERGENCY INFORMATION MANAGEMENT SYSTEM

 *DataSel Information Systems Co.*  *Health Information Management System*

It is an emergency information management system.

Major Components: Registration, Nurse Triage, Physician Triage, General Examination, Trauma Examination, Vital Signs, Patient Charter, Clinical Pathway, Route & Scheduling, HIS Integration

Technologies: VS .NET, C#, Silverlight, WCF RIA Services, EntityFramework, LINQ, Telerik RAD Controls, Telerik Reporting, ASP.NET, MS SQL Server

Customer: King Fahad Medical City / Kingdom of Saudi Arabia

Standards: HL7, Webservices

AVICENNA AMBULANCE INFORMATION MANAGEMENT SYSTEM

 *DataSel Information Systems Co.*  *Health Information Management System*



It is an ambulance patient's health information collection and delivery system. Touch-based highly user friendly data entry client & scalable backend services are developed in the scope of the project. Project pilot was successfully performed in KSA Hajj region in Hajj period of 2013.

Major Components: DataCollection Client, Backend data collection services, data monitoring module, administrator module and reporting module.

Technologies: VS .NET, C#, Silverlight, WCF RIA Services, EntityFramework, LINQ, Telerik RAD Controls, Telerik Reporting, ASP.NET, MS SQL Server

Customer: Ministry of Health / Kingdom of Saudi Arabia

AVICENNA CLINICAL MANAGEMENT SYSTEM (CMS)

 *DataSel Information Systems Co.*  *Clinical Information Management System*



It is an online multi-language clinical management system. It provides all the software needs of the clinics. Also, it has a HAAD integration for claim submission in UAE region.

Major modules: Examination, Registration, Appointment, Billing, Claim Integration

Technologies: MS Azure, VS .NET, C#, Silverlight, WCF RIA Services, EntityFramework, LINQ, Telerik RAD Controls, Telerik Reporting, ASP.NET, MS SQL Server, MySQL, COM Port communication

Partners: HAAD, Etisalat

FONET ADVANCED LOG MODULE

 *Fonet Software Co.*  *Logging Module*



Flexible log module that can easily be managed by using admin interfaces.

Major features:

- Log all INSERT, DELETE, UPDATE operations on any table
- Report log data by using flexible and rich report designer & viewer interfaces
- Operate over separate schemas for security and performance issues

Technologies: VS.NET, C#, WinForms, DevArt, ADO.NET, Oracle, PL/SQL

HALSOFT E-LEARNING PORTAL

 *Halıcı Informatics & Software Co.*  *E-Learning Portal & LCMS*

It was developed based on Halsoft Portal framework. The portal provides various pages and modules for e-learning program managers, instructors, students and administrators. Also it provides very flexible, extendible and open to develop framework. Some features are class, course and content management screens, built-in question editor and question store, **online exam system**, portal-wide **SCORM** e-learning content compatibility, integrated forum and **chat system**.

Technologies: Microsoft SQL Server, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Microsoft Media Services, Active Directory, RSS

Customers: Ankara Üniversitesi Uzaktan Eğitim Merkezi, Türk Demokrasi Vakfı, Milli Prodüktivite Merkezi, Matematik Eğitim Çemberi, ODTÜ Koleji

HALSOFT PORTAL

Halıcı Informatics & Software Co. Portal & CMS Framework

It was developed to provide flexible portal infrastructure for various different portal needs. System provides flexible and open to be extended framework. Some features are multi-level and module based content management architecture, role-based authorization system, template-based e-mail and messaging system, multi language infrastructure support. Also it provides great amount of built-in modules and management screens.

Technologies: Microsoft SQL Server, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Microsoft Media Services, Active Directory, RSS

Customers: Demokratik Sol Parti, BM Mülteciler Yüksek Komiserliği Türkiye, Bilgi Toplumuna Yolculuk, Halsoft TV, Emrehan Halıcı Kişisel Web Sitesi

ONLINE COURSE MANAGEMENT SYSTEM (OCMS)

METU Computer Education and Instructional Technologies Department

This is an Online Course Management System which includes varying tools to manage an online course such as **content management**, **messenger**, user management, user logs, chat rooms, private email, grading, homeworks etc. Project is developed on Visual Studio .NET platform and development language is VB.NET.

Technologies: PHP, MySQL, HTML, CSS, JS, Photoshop

GENERAL DIRECTORATE OF SECURITY - DISTANCE EDUCATION PORTAL



METU Computer Education and Instructional Technologies Department

Online Video Enabled E-Learning Portal

I have worked as a solution architect, software advisor and team leader in that project. A video based distance education portal. It provides live and offline video content, supporting documents, a discussion forum and access to shared e-mail groups. Also, provides management tools for live course broadcasting and course/program structure management. The project was developed by using Visual Studio .NET and SQL Server 2005. Also, Active Directory and Microsoft Live Communication Server were integrated to the system.

Technologies: Microsoft SQL Server, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Microsoft Media Services, Microsoft Producer, Microsoft PowerPoint, Active Directory



DISTANCE EDUCATION PORTAL OF ANKARA UNIVERSITY

 *Distance Education Center of University of Ankara (ANKUZEM)*
 *Distance Education Portal*

A distance education system used by students from different cities of Turkey and some other countries. This project is developed based on Halsoft Eğitim Portalı and used for 4 years. Courses are developed as SCORM packages for the system.

Technologies: Microsoft SQL Server, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Active Directory, RSS, Photoshop



DEMOCRATIC LEFT PARTY - OFFICIAL WEB PORTAL

 *Democratic Left Party*  *Official Web Portal*

It is developed based on Halsoft Portal. A lot of new modules developed including various news and video system modules. By using video modules, administrators can configure and start a new live broadcast on the portal in a few minutes. Also an advanced search engine and RSS support was added to the infrastructure.

Technologies: Microsoft SQL Server, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Microsoft Media Services, Active Directory, RSS, Photoshop

BÖTEB ONLINE

 *METU Computer Education and Instructional Tech. Dep.*  *Video Portal*

A video portal which provides various educational videos. Videos are served by using Microsoft Media Services.

Technologies: Microsoft SQL Server, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Microsoft Media Services

THE UN REFUGEE AGENCY TURKEY - OFFICIAL WEB PORTAL

 *UNHCR*  *Official Web Portal*

It was developed based on Halsoft Portal. It provides advanced administrative screens and modules to manage page hierarchy and page contents of the portal. Also, the system has an advanced search engine and RSS support.

Technologies: Microsoft SQL Server, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Microsoft Media Services, Active Directory, RSS, Photoshop



CUSTOMER SUPPORT CENTER

 *Labris Teknoloji*  *Online Customer Support System*

It is an online Customer Relations Management system. It's major modules are product management, customer management, Sold Product Management, Product Update Management, Trouble Ticket Management and Mass Messaging Systems.

Technologies: PHP, MySQL, HTML, CSS, JS, AJAX, Photoshop

METU COMMUNICATION CLUB - OFFICIAL WEB PORTAL

 *METU Communication Club*  *Official Web Portal*

An advanced society portal. It provides individual user accounts to members, an extensive role based permission system and custom editor pages for each different modules of the portal. Portal also contains an online question and exam bank system. Also some attendance record modules for activities.

Technologies: PHP, MySQL, HTML, CSS, JS, Photoshop

XMESSENGER

 *P2P Multi Channel Instant Messaging Software*

It was developed based on Client-Server architecture. This platform provides a real-time shared whiteboard and a text messaging with emoticons. White board has basic drawing tools such as free draw pen, straight line, rectangle and circle and also has formatting tools such as color and thickness tools. The platform also includes upload/download managers and allows multi file transfers at the same time. All messages and commands are transferred as XML. Thanks to active use of design patterns, system is open to extend and improve.

Technologies: Visual Studio .NET, C#, XML, Networking & Sockets, GDI+, Photoshop

3-5-8 P2P CARD GAME

 *P2P Network Based Card Game*

The digital version of classical 3-5-8 Card Game. Players connects to server player and starts to the game with each other. It is developed using Client/Server software architecture. It was developed by using object oriented software development methodologies.

Technologies: Java, XML, Networking & Sockets, Swing, Photoshop

EFSANE

3D Educational Game

An Educational game developed in a 3D Environment and aims to teach some physics topics to students.

Technologies: Adobe Atmosphere, 3D Max, HTML, JS, CSS, Photoshop

MİLLİYET NEWSPAPER WEBSITE - COMPETITION WEB ROBOT

Online bot software

A Robot Software that parse and posts news keywords used in a weekly competition. It has a well-designed, structured set of usercontrols, libraries and various algorithms. Info: By thanks to this robot software, I was one of the winner of this competition for which a lot of software developers have developed similar robot softwares from all over the Turkey.

Technologies: Visual Studio .NET, C#

EDİSA (EĞİTİM DANIŞMANLARI İÇERİK SUNUM ARACI)

Halıcı Informatics & Software Co. E-Learning Content Dev. Editor Tool

An authoring software which is used by subject matter experts to create standard content packages about spesific e-learning courses.

Technologies: Microsoft SQL Server, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Active Directory, RSS, Photoshop

Other Projects

BİLGİ TOPLUMUNA YOLCULUK PORTALI

📄 Peppers and Rogers Group 🖱️ *Activity Portal*

Technologies: Microsoft SQL Server, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Active Directory, RSS, Photoshop

EYEDDER - OFFICIAL WEB PORTAL

📄 Eğitim Yöneticileri ve Eğitim Deneticileri Derneği 🖱️ *Official Web Portal*

Technologies: dotNET Nuke, Visual Studio, VB.NET, C#.NET, ASP.NET, SQL Server 2000, HTML, CSS, JS, Photoshop

NIT WEB PORTALI

📄 Netron Institute of Technology 🖱️ *Official Web Portal*

Technologies: ASP, HTML, CSS, JS, Photoshop

ONLINE COURSE MANAGEMENT SYSTEM

📄 METU Computer Education and Instructional Technologies Department

Technologies: PHP, MySQL, HTML, CSS, JS, Photoshop

TEKNOKENTLER ZİRVESİ '04 RESMİ WEB SİTESİ

📄 ODTÜ IEEE Öğrenci Topluluğu 🖱️ *Etkinlik Web Sitesi*

Technologies: PHP, MySQL, HTML, CSS, JS, Photoshop

METU INFORMATICS INSTITUTION - E-DERS PROJECT

📄 METU Informatics Institution 🖱️ *Distance Education Portal*

Technologies: HTML, CSS, JS, Photoshop

MEKANSIZ KÜTÜPHANE

📄 METU Graduates Society 🖱️ *Online Library Management System*

Technologies: PHP, MySQL, HTML, CSS, JS, Photoshop

IEEE WEBTEAM - OFFICIAL WEBSITE

📄 IEEE METU Student Club 🖱️ *Official Website*

Technologies: PHP, MySQL, HTML, CSS, JS, Photoshop

BOOTCAMP - OFFICIAL WEBSITE

📄 Portakal Teknoloji 🖱️ *Activity Portal*

Technologies: PHP, MySQL, HTML, CSS, JS, Photoshop

INFORMATICS ASSOCIATION OF TURKEY

Technologies: PHP, MySQL, HTML, CSS, JS, Photoshop

BİLİŞİM TEKNOLOJİLERİ IŞIĞINDA EĞİTİM '04 - OFFICIAL WEBSITE

📄 IEEE METU Student Club 🖱️ *Activity Website*

Technologies: PHP, MySQL, HTML, CSS, JS, Photoshop

NEDİR?TV WEB PORTAL

📄 Nedir?TV 🖱️ *Software Developers' Community Portal /*

Online Videos Based Technology Tutorials and Training Portal

Technologies: Photoshop

KRİPTO

◆ 3D Educational Game

Technologies: Dark Basic, 3d Max, Photoshop

DARKROOM

◆ Educational Courseware

Technologies: Macromedia Flash, Movie Maker, Photoshop

ÇILGIN TOSBA

◆ An Educational Software

Technologies: Visual Basic 6.0, Photoshop

ANALYTICS PRESENTER

◆ Google Analytics Online Data Parsing and Reporting API

Technologies: Visual Studio .NET, C#, ASP.NET

DRAWINGEDITOR.NET

◆ A Multi-Functional .NET drawing control library

Technologies: Visual Studio .NET, C#, GDI+

DİZGİ PRO

◆ Photo Composition and Automation Software (Grade Booklets, Foto Galleries etc.)

Technologies: Visual Studio .NET, VB.NET, GDI+

6. TECHNICAL SKILLS

General Overview

◆ PROGRAMMING LANGUAGES

C#.NET	excellent
VB.NET	excellent
Java	good
C++	average
C	average

◆ WEB - SERVERSIDE TECHNOLOGIES

ASP.NET	excellent
ASP.NET MVC	excellent
ASP.NET WebApi	excellent
ASP.NET Core	excellent
SignalR	excellent
PHP	excellent
ASP	good
JSP	good

◆ WEB - CLIENTSIDE TECHNOLOGIES

AngularJS	excellent
Angular4	excellent
Ionic2	excellent
TypeScript	excellent
HTML5	excellent
CSS3	excellent
JavaScript	excellent
MS Silverlight & XAML	excellent
Ajax	excellent
JSON	excellent
JQuery	excellent
KnockoutJS	excellent
RequireJS	excellent
q.js	excellent
Bootstrap	excellent
D3JS	good

◆ DESKTOP

WinForms	excellent
WPF	excellent

◆ SERVICE ORIENTED ARCHITECTURE

WCF	excellent
Web Services	excellent
oData	excellent
oAuth	excellent

◆ COMPONENTS

Telerik RAD Components	excellent
Telerik KendoUI	excellent
Telerik Reporting	excellent
FastReports	excellent
Crystal Reports	excellent
Infragistics	excellent
PrimeNG	good

📌 DATABASE

Oracle & PL/SQL	excellent
Ms SQL & T-SQL	excellent
MySQL	excellent
PostgreSQL	beginner
MongoDB	beginner
Couchbase	beginner
Redis	beginner
Ms Access	excellent
EntityFramework & LINQ	excellent
Sybase PowerDesigner	good

📌 GRAPHIC & ANIMATION SOFTWARES

Adobe Photoshop	excellent
MS Blend	excellent
Macromedia Flash	excellent

📌 IDE & EDITORS

Visual Studio .NET (2001-2013)	excellent
Blend for Visual Studio	excellent
Macromedia Dreamweaver	excellent

Approaches and Techniques

- ✓ Object Oriented Design & Development
- ✓ Design Patterns
- ✓ Refactoring
- ✓ Dependency Injection
- ✓ UML and UML Design Tools
- ✓ Test Driven Programming
- ✓ Graceful Degradation Approach
- ✓ Web First & Mobile First

Platform and Technology Experiences

- Microsoft Sharepoint Portal & Services
- DotNetNuke
- CommunityServer
- .NET Forums
- Windows Media Services
- Active Directory and Software Integration With Active Directory

Other Experiences and Technical Knowledge

- Windows & web applications performance profiling & optimization
- Multi layer / N-tier Software Architecture Design and Development
- Active usage of Reflection in .NET
- Template based automated Microsoft Office files generation (Example: Template based exam booklet generation)
- Various tools based on E-learning standarts like SCORM
- Application of AJAX in different platforms
- Webservices based / supported system design
- Reports and graphics generations in web & windows environment
- Dynamic image generation and manipulation
- Session based file access and logging applications
- Web based parsing and reporting robot softwares
- Web and windows based automation softwares
- Various web and windows based editor applications
- Modular and Plugin-supported Web and Windows Applications
- Parsing, organizing and reporting website statistics data from Google Analytics

7. EDUCATION BACKGROUND

Academic Background

2012-2013

Graduate School

☰ Middle East Technical University, Ankara

☰ Department of Software Management

Course

- Project Management
(OOD, Use Cases, UML, OCL, Design Patterns)

Grade

AA

2004-2007

Graduate School

☰ Middle East Technical University, Ankara

☰ Computer Education and Instructional Technologies Department

Graduate Date : September, 2007

Graduation Grade : 3.68 / 4.00

Major Courses

- Design Patterns
(OOD, Use Cases, UML, OCL, Design Patterns)
- Total Quality Management
(Strategic Planning)
- Multimedia Information Systems
(OS, Networks, Data Types, Compression)
- Distance Education
- Telecommunication in Education

Grade

AA

AA

BB

AA

AA

1999 - 2004

Undergraduate School

☰ Middle East Technical University, Ankara

☰ Computer Education and Instructional Technologies Department

Graduation Date : June, 2004

Graduation Grade : 3.80 / 4.00

Major Courses

- Programming Languages I (Pascal)
- Programming Languages II (Visual Basic)
- Authoring Languages on PC Environment
(Macromedia Authorware)
- Instructional Technology and Material Prepar.
(Macromedia Flash MX)
- Introduction to C
- Introduction to C++
- Advanced Object Oriented Programming
(Java)
- Fundamentals of Data Systems
(SQL)
- Authoring Languages on Internet
(HTML, JavaScript, ASP, PHP, .NET)
- Computer Network Systems
- Routing Configuration and WAN Technologies
- 3D Educational Game Development I
(DarkBasic)
- 3D Educational Game Development II
(3D Max, Rhinoceros, Adobe Atmosphere)

Grade

AA

AA

AA

AA

AA

AA

AA

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AA

AA

AA

1995 - 1999

High School

- 📅 Kocaeli Technical High School, Kocaeli
- 📅 Computer Programming Branch

Major Courses

- Pascal
- Visual Basic

Certificates

1

PROJECT MANAGEMENT

- 📅 Date : 2, 3, 9 February 2005
- 📍 Place : METU Continuing Education Center
- 👤 Presenter : Doç. Dr. Levent Kandiller

Context:

- Time Management
 - Project networks
 - PERT Analysis
- Resource Management
- Risk Management
- Cost Management
- Analysis of a sample Project
- Hands-on Application on Microsoft Project Software
- European Union Projects
- Organization and procedures of EU Projects
- EU Project life cycle
- European Union Projects' Actors
 - Project Partners and Responsibilities
 - Project Coordinators and Responsibilities
 - Project Managers and Responsibilities

2

MICROSOFT TECHNOLOGIES VS 2005 AND TEAM FOUNDATION SERVER

- 📅 Date : 9 February 2005
- 📍 Place : Ankara Hilton Oteli Çankaya Salonu
- 👤 Presenter :



Context:

- SQL Server 2005 and .NET Integration
- Visual Studio 2005:
Team Work in Software Development

Offered Seminars & Conferences

1

3D GAME-LIKE LEARNING ENVIRONMENTS in EDUCATION

 **Organization** : BTIE 2004
 **Date** : 22 May 2004


Context:

- Presentation of Undergraduate Thesis “EFSANE” which is 3D game covering some Physics topics.

Attended Seminars & Conferences

1

ASP.NET

 **Date** : 28 - 29 February 2004:

 **Presenter** : M. Nuri ÇANKAYA
Microsoft Academic Associate Consultant

Context:

- .NET Framework
- Database Connections
- ADO.NET
- ASP.NET
- XML Web Services
- Web Controls
- Mobile Applications
- Security
- Web Matrix
- Caching in ASP.NET

2

MICROSOFT CLASS SERVER

 **Date** : October 2004:




 **Presenter** : Ozan Gökçen
Microsoft Academic Associate Consultant

 **Place** : Halıcı Eğitim Merkezi / ODTÜ Teknokent

Context:

- Class Server
- Server and Client Architecture
- LRM Packages
- Active Directory Integration
- Scalability

MICROSOFT CLASS SERVER, LEARNING GATEWAY, SHAREPOINT PORTAL and CLASS SERVER 4.0

-  **Date** : 5, 6 April 2005
 **Presenter** : Mr. Neilus / *Microsoft Academic Associate Consultant*
 **Place** : Microsoft Türkiye, İstanbul Şubesi

Context:





- Class Server, Server and Client Architecture
- LRM Packages
- Active Directory Integration
- Scalability
- Learning Gateway
- Share Point Portal
- Class Server 4.0

Language Education, Exams and Skills (English)

1. Language Skills




- Reading : **Very Good**
 Writing : **Good**
 Speaking : **Good**

2. Academic Education in Language





-  METU Basic English School
in 1999 - 2000 Academic year (1 year)
-  ENG 101 ENGLISH-READING AND WRITING SKILL DEVELOPMENT I (CB)
during METU Undergraduate Education
-  ENG 102 ENGLISH-READING AND WRITING SKILL DEVELOPMENT II (AA)
during METU Undergraduate Education
-  ENG 211 ENGLISH - READING AND VERBAL COMMUNICATION (AA)
during METU Undergraduate Education


8. REFERENCES





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