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Muhammet TURŞAK

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Date of Birth and Place	: 1982 / Kocaeli - TURKEY
Nationality	: Turkish
Military Obligation	: Completed *(in 31 October 2008)*
Driving License	: B Class *(since October 2005)*

INFO: For Complete Edition of my CV, please contact with me by e-mail: tursoft@gmail.com

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1. PERSONAL CARRIER GOAL

"As a technical project manager in a leading software company with solution oriented and experienced team members applying current software development approaches methodologies and technologies, to develop projects those make difference in terms of their ideas, technologies and functionality in Turkey and world-wide"

2. PROFESSIONAL JOB EXPERIENCES

2007 - 2008	**Halıcı Informatics & Software Co.** *Production and Planning Director*
2005 - 2007	**Halıcı Informatics & Software Co.** *Project Manager and System Analyst*
2004 - 2005	**Halıcı Informatics & Software Co.** *.NET Application Developer*
2003 - 2004	**METU Computer Education and Instructional Tech. Dep.** *Web Programmer and Designer*
2003 – 2004	**METU Informatics Institute** *Software Developer*
2003	**Labris Technology** *Web programmer and designer*
2003 – 2004	**IEEE METU Student Club** *Chief of Web Team*
2002 – 2003	**METU Communication Club** *Web Programmer and Web Designer*
2002 – 2003	**METU Informatics Institute** *Web Programmer and Web Designer*
2001 - 2002	**Netteyim.net / ANKARA** *Webmaster*
2000 - 2001	**Informatics Association of Turkey** *Webmaster (in Youth Branch)*

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3. SOFTWARE DEVELOPMENT KNOWLEDGE AND SKILLS

Software Development Tools, Languages and Environments

PROGRAMMING LANGUAGES

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

WEB MARKUP LANGUAGES / SCRIPTING LANGUAGES

ASP.NET	excellent
PHP	excellent
ASP	good
JSP	beginning
HTML	excellent
JavaScript	good
XML	good
AJAX	good

DATABASES & DATABASE SYSTEMS

SQL	excellent
MySQL	excellent
Ms Access	excellent
Ms SQL Server	good
Sybase PowerDesigner	good

GRAPHIC & ANIMATION SOFTWARES

Adobe Photoshop	excellent
Macromedia Flash MX	excellent

3D MODELING & 3D PROGRAMMING

3D Max	average
Adobe Atmosphere	good

IDE & EDITORS

Visual Studio .NET (2001, 2003, 2005, 2008)	excellent
Macromedia Dreamweaver (5, 6, MX, CS, CS3)	excellent
JCreater	good

OPERATING SYSTEMS

Microsoft Windows NT, 2000 Server, 2003 Server	good
Microsoft Windows 95,98,2000	excellent
Linux / UNIX	average

NETWORKING TECHNOLOGIES

Cisco Router Configuration	good
Cisco ConfigMaker	good
Boson Network Simulator 5.25	good

SERVER SIDE TECHNOLOGIES

Microsoft IIS	excellent
Apache	good
Serve-u FTP	good
Simple DNS Server	good
Magic Winmail Server	good

Microsoft .NET Knowledge and Skills

Visual C# .NET
Windows Forms, Custom Control Development, Events and Delegates, Exception Management and Error Handling, File and Stream Libraries, Multi-thread Programming, Serialization, Reflection

ASP.NET
Web Forms and Control Programming, Custom Web Controls, State Management (Application, Session, Cache and Viewstate)

ADO.NET
DataSet, Typed DataSet and DataSet Schemas, SQL Transactions, DataAdapters, DataReaders, DataViews

Network Programming
Connection Oriented Socket Programming, Asynchronous Socket Programming

Security
Authentication and Authorization, Cryptography Libraries

XML
XML Basics and XML Programming, XML Web Service Development, Synchronous / Asynchronous, Client Side / Server Side Web Service consuming, XSL Usage

Others
Visual Source Safe, Project Setup File Generation, Packaging & Deployment, IIS Configuration

Database Systems

- Microsoft SQL Server
  Database management, Triggers, Stored Procedures and Stored Functions, Database Backup and Restore, Query Tracing
- MySQL
- Power Designer

Software Design and Development Approaches and Techniques

- Object Oriented Design & Development
- Design Patterns
- Refactoring
- UML and UML Design Tools
- Test Driven Programming

Platform and Technology Experiences

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

4. PROJECTS

Major Project Types

- Portal, Website and Webservice Applications
- Desktop Applications
- Console and Windows Service Applications
- Network Based Applications
- Automation Systems and Web Robots
- Editorial Applications
- Online Video and Live Broadcasting Applications
- Games & Multimedia Projects
- Graphics Designs

Major Project Sectors

- E-Learning, Distance Education & Computer Aided Learning
- Portal Systems (CMS, LMS/LCMS, CRM)
- E-Business & E-Commerce

Major Projects and Details

- **HALSOFT E-LEARNING PORTAL / *Halıcı Inf. & Soft. 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, instractors, students an administrators. Also it provides very flexible, extendible and open to develop framework. Some features are class, course and course content management screens, built-in question and exam bank, 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

- **HALSOFT PORTAL / *Halıcı Inf. & Soft. Co./ Portal & CMS Framework***
  It was developed to provide flexible portal infrastructure for various different portal needs. System provides flexible and open to be extanded framework. Some features are multi-level and module based content management architecture, role based permission 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

- **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

- **EDİSA (EĞİTİM DANIŞMANLARI İÇERİK SUNUM ARACI)**
  Halıcı Informatics & Software Co. / E-Learning Content Development Editor Tool

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An editör software which allows the subject matter experts to create content packages about spesific e-learning courses.
Technologies: Microsoft SQL Server, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Active Directory, RSS, Photoshop

- **DİSTANCE EDUCATION PORTAL OF UNİVERSİTY OF ANKARA**
  Distance Ed. Center of University of Ankara (ANKUZEM) /ILITAM Dist. Ed. Portal
  A distance education system used by students from different cities of Turkey and some other coutries. 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**
  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 Inst. Tech. Dep. /A 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**
  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**
  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 recod 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 archicture. Completely developed by using as an object oriented software development methodology.
  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 Atmesphere, 3D Max, HTML, JS, CSS, Photoshop

Some Other Projects

- **EYEDDER – OFFICIAL WEB PORTAL**
  (DNN, VS.NET, VB.NET, C#.NET, ASP.NET,SQL 2000, HTML, CSS, JS, Photoshop)

- **NIT WEB PORTALI**
  (ASP, HTML, CSS, JS, Photoshop)

- **DERS İÇERİK YÖNETİM SİSTEMİ**
  (PHP, MySQL, HTML, CSS, JS, Photoshop)

- **TEKNOKENTLER ZİRVESİ '04 RESMİ WEB SİTESİ**
  (PHP, MySQL, HTML, CSS, JS, Photoshop)

- **EMREHAN HALICI – PERSONAL WEBSITE**
  (SQL Server 2000, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Microsoft Media Services, Active Directory, RSS, Photoshop)

- **BİLGİ TOPLUMUNA YOLCULUK PORTALI**
  (SQL Server 2000, Visual Studio .NET, C#, ASP.NET, HTML, CSS, JS, Active Directory, RSS, Photoshop)

- **METU INFORMATICS INSTITUTION - E-DERS PROJECT**
  (HTML, CSS, JS, Photoshop)

- **MEKANSIZ KÜTÜPHANE**
  (PHP, MySQL, HTML, CSS, JS, Photoshop)

- **IEEE WEBTEAM – OFFICIAL WEBSITE**
  (PHP, MySQL, HTML, CSS, JS, Photoshop)

- **CODELABORATORY – OFFICIAL WEBSITE**
  (PHP, MySQL, HTML, CSS, JS, Photoshop)

- **BOOTCAMP – OFFICIAL WEBSITE**
  (PHP, MySQL, HTML, CSS, JS, Photoshop)

- **INFORMATİCS ASSOCİATİON OF TURKEY OFFICIAL WEBSITE OF YOUTH BRANCH**
  (PHP, MySQL, HTML, CSS, JS, Photoshop)

- **BİLİŞİM TEKNOLOJİLERİ IŞIĞINDA EĞİTİM '04 – OFFICIAL WEBSITE**
  (PHP, MySQL, HTML, CSS, JS, Photoshop)

- **NEDİR?TV WEB PORTAL**
  (Photoshop)

- **SORU BANKASI**

(Visual Basic 6.0, Ms Access, Photoshop)

- **KRİPTO**
  (Dark Basic,3d Max, Photoshop)

- **DARKROOM**
  (Macromedia Flash, Movie Maker, Photoshop)

- **ÇILGIN TOSBA**
  (Visual Basic 6.0, Photoshop)

- **ANALYTİCS PRESENTER**
  (Visual Studio .NET, C#, ASP.NET)

- **DRAWİNGEDİTOR.NET**
  (Visual Studio .NET, C#, GDI+)

- **DİZGİ PRO**
  (Visual Studio .NET, VB.NET, GDI+)

5. EDUCATIONAL BACKGROUND

Academic Background

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

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)

1995 - 1999   **High School**
Kocaeli Technical High School, Kocaeli
Computer Programming Branch
Graduate Date : **June, 1999**, Graduation Grade: 4.**80 / 5.00**

Major Courses
- Turbo Pascal 7.0; Microsoft Visual Basic 4.0, 5.0, 6.0; Operating Systems (Ms DOS, Microsoft Windows 3.1, 95,98), Microsoft Office

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, Halıcı Yazılım Evi / ODTÜ Teknokent

Context:
Class Server, Server and Client Architecture, Packages, Active Directory Integration, Scalability

3

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
   - ENG 101 ENGLISH-READING AND WRITING SKILL DEVELOPMENT I
   - ENG 102 ENGLISH-READING AND WRITING SKILL DEVELOPMENT II
   - ENG 211 ENGLISH – READING AND VERBAL COMMUNICATION

3. **Exam Results**
   - **METU English Language Proficiency Exam** (June 2000)   : **74.5 / 100**
   - **METU English Language Proficiency Exam** (June 2004)   : **77 / 100**
   - **Kamu Personeli Dil Sınavı** (May 2008)   : **76 / 100**

6. PERSONAL INFORMATION

Characteristics

Loves his profession, a creative thinker, self-confident, a fast learner, can easily get adapted to new situations, open to improve himself and already continuesly improves himself, an effective worker even under pressure of stress and time, has an effective, planned and systematic work style, has an analytic and systematic thinking style, a good team leader, a good team worker, has good communication skills, an optimistic and joyful, presentable, solution oriented

Memberships

IEEE Student Branch
- Biltek (2004)
  - Webmaster (http://www.ieee.metu.edu.tr/biltek)
- Teknoparklar Zirvesi (2004)
  - Member of Executive Committee
  - Webmaster (www.teknozirve.org.tr)
- BTIE 2004 (2004)
  - "Okulum" Website Contest Jury Member
  - Web master (www.btie.org.tr)
- Administration Committee Member (2003 – 2004)
- Web Team Director (2003 – 2004)

METU Communication Club
- Administration Committee Member (2002 - 2003)
- Webmaster (www.iletisimtoplulugu.org)

Informatics Association of Turkey
- Youth Branch active member (2002 - 2003)

Hobbies

Computer Games, Music, Charcoal Drawing, DVD Films, TV Series, Football Matches, Cinema, Fishing, Volleyball, Bowling, Bilardo

Personal Interests

- Graphics Design

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7. REFERENCES

Primary Sources of Information About Me

- **Personal Website** (www.tursoft.net)
- **Complete Edition of my CV** (It can be obtained upon request: tursoft@gmail.com)

List of Reference People

- **Prof. Dr. M. Yaşar ÖZDEN /** Chairman
  Department of Computer Education and Instructional Technologies
  Middle East Technical University - Ankara / TURKEY
  Phone : +90 (312) 210 40 61, **E-Mail   :** myozden@metu.edu.tr

- **Dr. Çetin BALANÜYE /** Philosophy Department
  Mediterranean University - Antalya / TURKEY
  INFO: He was my director in Halıcı Informatics & Software Co.
  between 2005 and 2007.
  Phone : +90 (533) 456 03 38, **E-Mail   :** apeaker@yahoo.com

- **Assoc.Prof.Dr. Kürşat CAĞILTAY /** Instructor
  Department of Computer Education and Instructional Technologies
  Middle East Technical University - Ankara / TURKEY
  Phone : + 90 (312) 210 36 83, **E-Mail   :** kursat@metu.edu.tr

- **Assoc.Prof.Dr. Zahide YILDIRIM /** Instructor
  Department of Computer Education and Instructional Technologies
  Middle East Technical University - Ankara / TURKEY
  Phone : + 90 (312) 210 36 79, **E-Mail   :** zahidey@metu.edu.tr

- **Dr. Hasan KARAASLAN /** Chairman Assistant
  Department of Computer Education and Instructional Technologies
  Middle East Technical University - Ankara / TURKEY
  Phone : + 90 (312) 210 40 64, **E-Mail   :** hasank@metu.edu.tr