

# Muhammet TURŞAK

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Date of Birth : 1982

Nationality : Turkish

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**My Vision:** My vision is to undertake key roles within ecosystem of global level successful software projects that are excellent examples of their sector in terms of both business value and technological advancements.

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

**Positions:**

- Software Group Director (6+ years of experience)
- Research & Development Director (2 years of experience)
- Project Manager (5+ years of experience)
- Software Architect (6+ years of experience)
- Software Team Leader (5+ years of experience)



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

## 1. PROFESSIONAL WORK EXPERIENCE

- **ERC Group Engineering, Consultancy and R&D Services Co.**  
2013 - Present Senior Software Architect and Group Leader
- **DataSel Information Systems Co.**  
2012 - 2013 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



## 2. 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 Projects

1. Avicenna PDFW Web Framework
2. Fonet Framework
3. Avicenna Product Development Framework
4. Fonet Studio
5. DM4ALL Diabetes Management Solution
6. Avicenna Health Integration Network (AHIN)
7. Avicenna Telemedicin Platform (ATTP)
8. Lifewatch Telemetry Monitoring Portal
9. Avicenna ATTP Mobile
10. Avicenna Case-Mix Information System (Vaka Karması Bilgi Sistemi)
11. Avicenna Clinical Coding Quality Rule Engine (CQRE)
12. Eczacıbaşı Sağlık Takipçim (ATHP)
13. Remote Patient Management System (RPMS)
14. Fonet Advanced Log Module
15. Avicenna Emergency Information Management System
16. Avicenna Ambulance Information Management System
17. Avicenna Clinical Management System (Cms)
18. Halsoft e-Learning Portal
19. Halsoft Portal
20. Online Course Management System (OCMS)
21. General Directorate Of Security Distance Education Portal
22. Distance Education Portal Of Ankara University
23. Democratic Left Party (Official Web Portal)
24. BÖTEB Online
25. The UN Refugee Agency Turkey (Official Web Portal)
26. Customer Support Center
27. METU Communication Club (Official Web Portal)
28. XMessenger
29. Efsane
30. EDİSA (E-Learning Content Authoring Tool)

### Major Customers

#### International:

- EU Commission
- SPMS - Portugal
- So.Re.Sa - Italy
- SMS - Spain
- 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

### 3. TECHNICAL SKILLS

Cloud & VM & Containers	.NET	Java
AWS, Azure, DigitalOcean, Heroku, Google Cloud, Alibaba Cloud  Docker, Docker Swarm, Kubernetes, VMware, HyperV	.NET Core, .NET Framework, .NET Standard  Visual Studio, VSCode  C#.NET, VB.NET, WPF, WCF, XAML, Webservices, ASP.NET Core, ASP.NET, ASP.NET MVC, ASP.NET WebApi SignalR	Eclipse, Java, Swing, JavaFX, Spring, Hibernate, JSP
Web & Mobile	Database, Cache & Queue	ALM, DevOps & Monitoring
JavaScript, HTML5, CSS, Sass, Less, Typescript, NodeJS, JQuery, AngularJS, Angular, RequireJS  Ionic2, Cordova, Xamarin  ASP, JSP, PHP, Silverlight & XAML, REST, oAuth, Json  IIS, Tomcat, Nginx, Jetty	Oracle, MSSQL, MySQL, PostgreSQL, Mongo, Couchbase, Redis, RabbitMQ	TFS, Git, Gitlab, Github, Mercurial, Visual SourceSafe, SVN  Jenkins, Nuget, Npm, ProGet, Docker Registry, Nexus, Grunt, Maven, Apache Ant  Prometheus, Zabbix, DynaTrace
Component Libraries	Reporting	Testing
Telerik SL, Telerik KendoUI, DevExpress, Infragistics Bootstrap, AngularStrap, Angular Material, PrimeNG, D3JS	Jasper BI, Oracle BI, Crystal Reports, FastReports	Jasmine, MSTest Framework, Microsoft Test Explorer, SoapUI, Postman, Fiddler
Graphics Design	System	Others
Adobe Photoshop MS Blend Macromedia Flash	Windows Servers Linux Servers (CentOS, Ubuntu)	C, C++, Python  Blockchain, Ethereum, Solidity, Neo, Hyperledger

## 4. ACADEMIC BACKGROUND

**2012-2013: Graduate School**  
Middle East Technical University, Ankara  
Department of Software Management

**2004-2007: Graduate School**  
Middle East Technical University, Ankara  
Computer Education and Instructional  
Technologies Department

**1999-2004: Undergraduate School**  
Middle East Technical University, Ankara  
Computer Education and Instructional  
Technologies Department

**1995-1999: High School**  
Kocaeli Technical High School, Kocaeli  
Computer Programming Branch

## 5. REFERENCES

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