

# Muhammet TURŞAK

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**Date of Birth** : 1982

**Nationality** : Turkish

**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)

**17**  
years of  
**Professional  
Experience**

**12**  
years of  
**Management  
Experience**

**16**  
years of  
**.NET Experience**

**18**  
years of  
**Web Development  
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

<b>Health Informatics</b> 20+ projects 7+ years of exp.	<b>E-Learning</b> 10+ projects 8+ years of exp.	<b>ERP &amp; CMS</b> 10+ projects 7+ years of exp.	<b>E-Commerce</b> 5+ projects 5+ years of exp.
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### Major Projects

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| <ol style="list-style-type: none"><li>1. Avicenna PDFW Web Framework</li><li>2. Fonet Framework</li><li>3. Avicenna Product Development Framework</li><li>4. Fonet Studio</li><li>5. DM4ALL Diabetes Management Solution</li><li>6. Avicenna Health Integration Network (AHIN)</li><li>7. Avicenna Telemedicine Platform (ATTP)</li><li>8. Lifewatch Telemetry Monitoring Portal</li><li>9. Avicenna ATTP Mobile</li><li>10. Avicenna Case-Mix Information System (Vaka Karması Bilgi Sistemi)</li><li>11. Avicenna Clinical Coding Quality Rule Engine (CQRE)</li><li>12. Eczacıbaşı Sağlık Takipçim (ATHP)</li><li>13. Remote Patient Management System (RPMS)</li><li>14. Fonet Advanced Log Module</li><li>15. Avicenna Emergency Information Management System</li><li>16. Avicenna Ambulance Information Management System</li></ol> | <ol style="list-style-type: none"><li>17. Avicenna Clinical Management System (Cms)</li><li>18. Halsoft e-Learning Portal</li><li>19. Halsoft Portal</li><li>20. Online Course Management System (OCMS)</li><li>21. General Directorate Of Security Distance Education Portal</li><li>22. Distance Education Portal Of Ankara University</li><li>23. Democratic Left Party (Official Web Portal)</li><li>24. BÖTEB Online</li><li>25. The UN Refugee Agency Turkey (Official Web Portal)</li><li>26. Customer Support Center</li><li>27. METU Communication Club (Official Web Portal)</li><li>28. XMessenger</li><li>29. Efsane</li><li>30. EDİSA (E-Learning Content Authoring Tool)</li></ol> |
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### 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
<p>AWS, Azure, DigitalOcean, Heroku, Google Cloud, Alibaba Cloud</p> <p>Docker, Docker Swarm, Kubernetes, VMware, HyperV</p>	<p>.NET Core, .NET Framework, .NET Standard</p> <p>Visual Studio, VSCode</p> <p>C#.NET, VB.NET, WPF, WCF, XAML, Webservices, ASP.NET Core, ASP.NET, ASP.NET MVC, ASP.NET WebApi, SignalR</p>	<p>Eclipse, Java, Swing, JavaFX, Spring, Hibernate, JSP</p>
Web & Mobile	Database, Cache & Queue	ALM, DevOps & Monitoring
<p>JavaScript, HTML5, CSS, Sass, Less, Typescript, NodeJS,</p> <p>JQuery, AngularJS, Angular, RequireJS</p> <p>Ionic2, Cordova, Xamarin</p> <p>ASP, JSP, PHP, Silverlight &amp; XAML, REST, OAuth, Json</p> <p>IIS, Tomcat, Nginx, Jetty</p>	<p>Oracle, MSSQL, MySQL, PostgreSQL, Mongo, Couchbase, Redis, RabbitMQ</p>	<p>TFS, Git, Gitlab, Github, Mercurial, Visual SourceSafe, SVN</p> <p>Jenkins, Nuget, Npm, ProGet, Docker Registry, Nexus, Grunt, Maven, Apache Ant</p> <p>Prometheus, Zabbix, DynaTrace</p>
Component Libraries	Reporting	Testing
<p>Telerik SL, Telerik KendoUI, DevExpress, Infragistics</p> <p>Bootstrap, AngularStrap, Angular Material, PrimeNG, D3JS</p>	<p>Jasper BI, Oracle BI, Crystal Reports, FastReports</p>	<p>Jasmine, MSTest Framework, Microsoft Test Explorer, SoapUI, Postman, Fiddler</p>
Graphics Design	System	Others
<p>Adobe Photoshop</p> <p>MS Blend</p> <p>Macromedia Flash</p>	<p>Windows Servers</p> <p>Linux Servers (CentOS, Ubuntu)</p>	<p>C, C++, Python</p> <p>Blockchain, Ethereum, Solidity, Neo, Hyperledger</p>

## 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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