

# Mehmet TAŞ

## Software Engineer

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### Profile

Enthusiastic and self-motivated software engineer with strong problem-solving skills. Technophile with a passion for STEM and over 20 years of experience in software engineering. Proven expertise in application design and development across various platforms, industries, and technologies. Adept at managing projects with distributed teams and prioritizing tasks to maximize development output and efficiency.

### Work Experience

Sep 2024 – Present      **Co-founder - Chief Technology Officer**  
SALZGITTER, GERMANY      VisPair GmbH

- Designing scalable system architectures and managing end-to-end software development,
- Building integrations with digital channels and automation tools to optimize recruitment workflows,
- Leading a multidisciplinary development team using agile methodologies,
- Overseeing cloud infrastructure, data security, and DevOps operations,
- Driving innovation in AI-based data extraction and analytics tools,
- Ensuring system performance, reliability, and compliance with EU data regulations.

Jan 2024 – Present      **Chief Technology Officer**  
DORTMUND, GERMANY      Alevi Encyclopedia Project

- Architecting and developing custom WordPress-based systems with advanced REST API integrations and bespoke plugins,
- Managing hosting environments, database performance, and data security,
- Facilitating development direction, debugging, and testing through stakeholder communication, ensuring precision, integrity, interoperability, and completeness,
- Implementing editorial and publishing workflows for multilingual content management,
- Coordinating technical and editorial teams to maintain consistent performance and usability,
- Continuously improving system reliability, accessibility, and UX.

Jun 2022 – Sep 2024      **Chief Technology Officer**  
ISTANBUL, TURKEY      Trasta ESG Consulting Inc.

- Managed a team of developers and oversee IT operations, including infrastructure management, software development, and system maintenance.
- Led the design and implementation of software solutions using the Microsoft technology stack, including ASP.NET Core C#, MVC, Web API, Entity Framework, SQL Server, DDD, Microservice Architecture, CQRS Design Pattern.

- Actively participated in coding tasks, contributing to the development of critical projects, and providing technical guidance to developers.
- Collaborated with stakeholders to define project requirements, establish development timelines, and ensure alignment with business objectives.
- Implemented best practices in software development lifecycle (SDLC), containerized applications (Docker), including code reviews, version control (GitHub), and continuous integration/continuous deployment (CI/CD, Azure DevOps) to ensure high-quality code and on-time project delivery.
- Spearhead efforts to streamline IT processes, optimize system performance, and enhance cybersecurity measures to protect the assets.
- Served as a liaison between technical and non-technical teams, facilitating communication and promoting cross-functional collaboration.
- Mentor team members, conduct performance evaluations, and provide ongoing training to foster professional growth and development.

Sep 2014 – Jun 2022

### **Senior Software Engineer**

ISTANBUL, TURKEY

Istanbul Chamber of Industry

- Facilitated development direction, debugging, and testing through stakeholder communication, ensuring precision, integrity, interoperability, and completeness.
- Collaborated with business stakeholders to develop and optimize Oracle PL/SQL stored procedures using Toad for Oracle IDE according to business requirements.
- Developed maintenance utilities using .NET Core C#, VB.NET, PL/SQL, T-SQL, and PowerShell to aid in operational troubleshooting.
- Designed, created, and tested reports using Report Definition Language (RDL), SQL Server Reporting Services SSRS.
- Developed automation scripts utilizing PowerShell, VBScript, and .NET Core C#.
- Implemented and developed CQRS and Domain Driven design patterns using VB.NET, C#, ASP.NET Core MVC, ASP.NET Core Web API, JavaScript, and Telerik Web Components.
- Designed and consumed RESTful Web APIs in VB.NET and ASP.NET Core C#, employing Enterprise Design Patterns (SOLID, clean, maintainable, and testable code).
- Conducted whole applications health checks using Postman, SoapUI, Fiddler, and Wireshark.
- Assessed adherence to SOLID principles and adherence to clean code standards.
- Implemented unit tests (NUnit) and performed debugging to ensure the stability and reliability of applications.

Jul 2013 – Sep 2014

### **Software Engineer**

ISTANBUL, TURKEY

Bilge Adam Consulting

- Spearheaded the leadership of a development team, overseeing the conceptualization, execution, and deployment of specialized projects and systems.
- Utilized .NET C#, SCRUM, and Hosted XML process model within Team Foundation Server Customization, such as Azure DevOps and the TFS Aggregator Project, to enhance development processes.
- Engineered the Toyota Fleet Management Application, leveraging technologies including ASP.NET C#, MVC, EF, MS SQL Server, Database/Schema First, DevExpress, alongside methodologies like DDD and SCRUM, to ensure robust and efficient fleet management solutions.
- Played a pivotal role in the implementation and development of the Robert College Professional Development Management Project, employing .NET Windows Forms C#, Entity Framework, and MS SQL Server, among other technologies, to streamline professional development processes.
- Collaborated closely with cross-functional teams to ensure projects alignment with business objectives.
- Mentored junior developers, providing guidance on best practices, code reviews, and technical problem-solving.

Jun 2011 – Apr 2013

ISTANBUL, TURKEY

**IT Manager**

Bitenekadar E-Commerce Inc.

- Led project management efforts, strategizing, prioritizing, and delegating tasks, overseeing organization, and providing progress updates.
- Prioritized concurrent projects, ensuring timely completion through effective delegation among development teams.
- Conducted Sprint Planning sessions and stakeholder meetings to maintain alignment and monitor progress.
- Successfully migrated an ERP application from ColdFusion to PHP CodeIgniter MVC, MySQL (LEMP) framework.
- Developed .NET WPF (Windows Presentation Foundation) warehouse management application integrating RESTful API with PHP and NoSQL search engine Sphinx for tailored full-text search functionalities.
- Engineered SSRS (SQL Server Reporting Services) reports for invoices and order forms, enhancing reporting capabilities.
- Configured Zemberek NLP Natural Language Processing tool for Turkish spell checker application and Turkish stemmer for Sphinx, developed an extension to consume, resulting in a 95% reduction in misspellings.
- Illustrated system architecture through comprehensive flow-charts for enhanced visualization.
- Implemented CQRS and Domain Driven design patterns within back-end services to enhance scalability and maintainability.
- Managed Citrix Netscaler load balancer administration and conducted network traffic analysis using Wireshark.
- Collaborated with stakeholders and teams to outline project objectives, requirements, and timelines.
- Engaged in thorough discussions with stakeholders to tailor applications or devise new systems according to business requirements.
- Provided effective communication of project objectives, requirements, and changes to ensure team alignment.
- Coordinated team assignments and empowered junior developers through challenging tasks and code optimization recommendations during code reviews.

Dec 2008 – Mar 2011

ISTANBUL, TURKEY

**Software Engineer**

Bloomberg HT TV, Haberturk TV

- Collaborated with cross-functional teams to gather requirements, design solutions, and implement new features.
- Developed scalable desktop applications using technologies such as .NET WPF, C#, MS SQL Server, and MOS Media Object Protocol.
- Successfully migrated newsroom management application from ASP to PHP, leveraging LEMP stack, MySQL, CodeIgniter MVC, NoSQL full-text search engine Sphinx, Memcache and Nginx Memcached-pass.
- Implemented unit tests (NUnit), integration test (Postman, SoapUI), functional test (Selenium), performance test (Apache AB) and performed debugging (Visual Studio) to ensure the stability and reliability of applications.
- Conducted code reviews, version control (Git, SVN, TortoiseSVN), continuous integration/continuous deployment (CI/CD, Jira) and provided constructive feedback to team members to maintain code quality and consistency.
- Utilized Agile (Scrum and Kanban) methodologies to deliver high-quality software products on time and within budget.
- Administered Citrix Netscaler load balancer and performed network traffic analysis with Wireshark, taking proactive measures to mitigate attacks by dropping malicious traffic.
- Customized and integrated Zemberek NLP Natural Language Processing tool for Turkish spell checker application, tailored to CMS specifications, developed functionality to support NLP extension, resulting in a 98% reduction in misspellings on web sites, TV, and newspaper.
- Ensured timely completion of assigned tasks within Sprint timelines. Consistently achieved an average of 35 to 40 effort points per week throughout each Sprint.
- Successfully adapted workload to accommodate accelerated deadlines driven by business requirements in Jira.

Dec 2007 – Dec 2008  
**HATAY, TURKEY**      **Compulsory Military Service**  
Turkish Land Forces

Feb 2003 – Dec 2007  
**ISTANBUL, TURKEY**      **PHP Developer**  
Ceritler E-Commerce Inc.

Developing a web-based yarn trading platform, marketplace application.

- Engaged in all aspects of the software lifecycle: analysis, design, development, testing, release, and maintenance.
- Proficient in software development using PHP, MySQL, JavaScript, HTML, CSS languages, and the LAMP stack.
- Responsible for documenting detailed designs, modules, and source code.
- Working with team members, including seniors, testers, and managers, to ensure project progress.

Aug 2002 – Feb 2003  
**ANKARA, TURKEY**      **Junior Software Developer**  
Tepe Construction Industry Co., Inc.

Developing a land registry mortgage tracking desktop application for board members.

- Engaged in all aspects of the software lifecycle: analysis, design, development, testing, release, maintenance, and support.
- Proficient in software development using Delphi, Oracle, and PL/SQL.
- Responsible for documenting detailed designs, modules, and source code.

Jan 1999 – Jun 2002  
**ISTANBUL, TURKEY**      **Junior Software Developer**  
Nemed Biomedical Co. (Part-time)

Developing a web-based inventory management application.

- Engaged in all aspects of the software lifecycle: analysis, design, development.
- Assisting senior developers in testing, release, maintenance, and support.
- Proficient in software development using PHP, MySQL, JavaScript, HTML, CSS languages, and the LAMP stack.

## Education

Feb 2007 – Jun 2008  
**ISTANBUL, TURKEY**  
**FORMAL LEARNING**      **Marmara University**  
Master of Science in Management Information System and Engineering (MIS)  
Focus Areas: Marketing, Finance, CRM, Project Management.

Oct 1997 – Jun 2005  
**ISTANBUL, TURKEY**  
**FORMAL LEARNING**      **Yıldız Technical University**  
Bachelor of Science in Computer Science and Engineering (Anabin H+ Entspricht)  
Focus Areas: Data Structures and Algorithms, Object-Oriented Programming, Database Systems, DSS, AI.  
Capstone Project: Developed a web-based shopping mall management using IBM DB2 Net.Data and HTML, and CSS.

Oct 1996 – Jun 1997  
**ISTANBUL, TURKEY**  
**FORMAL LEARNING**      **Yıldız Technical University**  
The School of Foreign Languages (SFL)  
English Preparatory Class.

## Skills

- Programming Languages: C#, VB.NET, PHP, SQL, T-SQL, PL/SQL, IBM DB2, IBM DB2 Net.Data, JavaScript, HTML, CSS, Shell Script, PowerShell
- Web Technologies: ASP.NET, ASP.NET Core, MVC, Web Forms, Web API, jQuery, Angular, React
- Database Technologies: Microsoft SQL Server, SQL Server Reporting Services (SSRS), Report Definition Language (RDL), Entity Framework, Dapper, IBM DB2, Oracle, MongoDB, PostgreSQL
- Version Control: Git, GitLab, GitHub, SVN, TortoiseSVN, TFS, Azure DevOps
- Development Tools: Visual Studio, Visual Studio Code, Eclipse, NetBeans, Azure DevOps (CI/CD), Jira, Bitbucket, Toad for Oracle, SQL Server Management Studio, MongoDB Compass, Postman, SoapUI, Wireshark, Selenium, BrowserStack, New Relic Application Performance Management, Docker
- Other: Monolithic Architecture, Microservices Architecture, Object-Oriented Design, Clean Code, SOLID Design Principles, Service-Oriented Architecture, Unit of Work, Inversion of Control, Dependency Injection, RESTful APIs, Agile Methodologies, Scrum, Kanban, Unit Testing, Integration Testing, Functional Testing, Load Testing
- Problem-Solving Skills, Analytical Thinking, Strong Attention to Detail

## Languages

Turkish: Native Proficiency  
English: B2  
German: A1

## Courses

Oct 2017 – Dec 2017  
[ISTANBUL, TURKEY](#)

**JavaScript Development (Course, 30 Hours)**  
BT Academy

Apr 2017 – Jun 2017  
[ISTANBUL, TURKEY](#)

**Teilnahmebestätigung A1 (Course, 65 Hours)**  
Goethe Institut

Jan 2016 – Jan 2016  
[ISTANBUL, TURKEY](#)

**PowerShell And PowerShell ISE (Course, 16 Hours)**  
Mayasoft

Dec 2015 – Dec 2015  
[ISTANBUL, TURKEY](#)

**Mind Map (Course, 16 Hours)**  
Gelism Academy

May 2014 – Present  
[ISTANBUL, TURKEY](#)

**MCSD: Application Lifecycle Management Solutions Developer**  
Microsoft

Mar 2014 – Present  
[ISTANBUL, TURKEY](#)

**Administering Microsoft Visual Studio Team Foundation Server 2012**  
Microsoft

Mar 2014 – Present  
[ISTANBUL, TURKEY](#)

**Delivering Continuous Value with Visual Studio Application Lifecycle Management**  
Microsoft

Sep 2013 – Sep 2013  
[ISTANBUL, TURKEY](#)

**Business Analysis Fundamentals (Course, 12 Hours)**  
Bilge Adam Academy

Sep 2010 – Sep 2010  
[ISTANBUL, TURKEY](#)

**Basic Citrix Netscaler Administration (Course, 45 Hours)**  
Bilisimcim, Citrix Partner

Jan 2007 – Feb 2007

ISTANBUL, TURKEY

**Oracle9i Database Administration Fundamentals II (Course, 32 Hours)**

Oracle University, Bilginc IT Academy

Nov 2006 – Dec 2006

ISTANBUL, TURKEY

**Oracle9i Database Administration Fundamentals I (Course, 32 Hours)**

Oracle University, Bilginc IT Academy

Sep 2006 – Oct 2006

ISTANBUL, TURKEY

**Oracle9i Introduction to SQL (Course, 32 Hours)**

Oracle University, Bilginc IT Academy

**Interests**

Continuous Learning, Saltwater kayaking, reformer pilates, jogging, watching air crash investigation documentary, read personal finance and economics books. I also have Amateur Seaman's Certificate and Certificate of Competence for Short Range Radio Operators.

**References**

Available upon request.

20.10.2025

A handwritten signature in blue ink, appearing to read 'T. Zelnut' followed by a stylized flourish.