



# MEVLÜT MERT ÇİL

Software Engineer with extensive experience in B2B, finance, and defense industries. Skilled in designing and developing scalable software using JavaScript, Java, C#, C/C++, and Python. Experienced with frameworks such as Node.js, React, Java Spring, Django, Flask, and the .NET stack (WebForms, MVC, .NET Core), with a focus on building reliable microservices. Committed to continuous learning and adept at applying AI-assisted tools to enhance software quality and team productivity. Holds a double major B.Sc. and an M.Sc. in Electronics Engineering from Istanbul Technical University, combining strong technical foundations with hands-on industry experience.

## CONTACT

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- 🚗 Driving licence (B)
- 📍 Turkiye
- 🇹🇷 Turkish

## SKILLS

### Programming/Scripting

- Java, C#, C/C++
- Kernel C, Assembly
- JavaScript, Python, Lua
- HTML, CSS
- ABAP

### Frameworks

- ReactJS, Node.js, ExpressJS
- Spring MVC (4.3,5.0), JSP
- ASP.NET MVC/Web Forms
- Apache Wicket

### Databases

- PostgreSQL, MySQL, SQLite
- MS SQL Server 2012 & 2014
- ORM: Sequelize, Hibernate
- Redis, Ignite Cache

### Version Control & Software Development Management

- Git, Mercurial, SVN, Team Foundation Server
- Jira, Bitbucket, Confluence, Trello, SourceTree

### Computer Graphics & Vision

- Matlab
- OpenGL
- OpenCV

### Hardware Design

- Verilog, VHDL, Xilinx ISE
- Proteus PCB Design, Orcad PSpice, Cadence, Multisim
- Advanced Design System, Microwave Office

## ACCOMPLISHMENTS

- Double Major and a MSc Degree holder from Istanbul Technical University
- GPA > 3.0 all terms
- Ranked in the top 0.36% nationwide in Turkey's university entrance exam

## WORK EXPERIENCE

### Senior Software Development Engineer

Havelsan - Ankara, Turkiye

01/2020 - Current

- Contributed to the **design, development, and testing of Diyalog**, a WebRTC-based online meeting platform, as part of a full-stack engineering team.
- Developed front-end features using **ReactJS** with **ES6** and **TypeScript**.
- Built back-end services with **Node.js**, using both **CommonJS** and **TypeScript** modules.
- Worked with **WebRTC (C++)** and integrated various **streaming libraries** for real-time communication.
- Used **Redis** for caching and **PostgreSQL** for relational data storage.
- Collaborated through **Atlassian tools** including **Jira**, **Confluence**, and **Bitbucket**, and used **WebStorm** as the primary development environment.

### Software Development Engineer

Havelsan - Ankara, Turkiye

02/2019 - 01/2020

- Participated in the **design, development, and testing of a 5G core network system** as part of a full-stack engineering team.
- Developed backend services using **Spring Boot MVC** with **Java 8–11**, along with **Ignite Cache**, **Kafka**, and **JUnit 4** for data processing and testing.
- Implemented internal tools in **Python 3**, including **parsers** and **auto-code generators** to accelerate development processes.
- Utilized **Swagger** for API documentation, integrated CI/CD pipelines with **Jenkins**, and performed development and debugging in **IntelliJ IDEA** and **VS Code**.

### Software Development Engineer

Garanti Technology, BBVA Group - Istanbul, Turkiye

06/2018 - 11/2018

- Performed full-stack development and platform modernization, transitioning the system from **C# (.NET)** to **Java (Spring MVC)** to enhance scalability and long-term maintainability.
- Migrated a legacy **ASP.NET WebForms application** (**C# .NET 4.0** with **Microsoft SQL Server 2012/2014**) for a car fleet management system used by a major bank to a **modular Java Spring MVC (v4.3)** architecture with **Hibernate ORM**, rewriting business logic and optimizing data access through **queries** and **stored procedures** in the existing SQL Server database.
- Built dynamic web interfaces using **JSP**, integrated with the **Spring MVC** backend to enable responsive and user-friendly interactions.
- Utilized **Swagger** for API documentation and collaborated on CI/CD processes using **Jenkins**.
- Used **GitHub**, **Bitbucket**, and **Team Foundation Server (TFS)** for version control and team collaboration in a multi-repository environment.
- Worked in both **IntelliJ IDEA** and **Visual Studio 2015** for cross-platform development, debugging, and deployment.

### Software Development Engineer

Vestek (R&D Department of Vestel Corporation) - Istanbul, Turkiye

10/2015 - 06/2018

- Developed and maintained **Linux-based B2B embedded software** using **C/C++, Python, JavaScript**, and **HTML**.
- Built an automated **build-bot system** in **Python** to streamline deployment.
- Created **JavaScript unit tests** with **Jasmine** to improve code quality.
- Implemented features and fixed bugs in **C/C++** for the **embedded operating systems** powering **set-top box TV units**.

### Computer Engineering Internship

Inveon Information Technologies Consultancy and Trading Corp. - Istanbul, Turkiye

07/2012 - 08/2012

- Developed web applications for international and local clients using **ASP.NET MVC 3** and the **nopCommerce** platform.
- Built responsive UIs with **HTML4**, **CSS3**, and **JavaScript**; developed backend logic in **C#**.
- Implemented **CSV-based multilingual support** for easy content management.

## NETWORK

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## LANGUAGES

Turkish

English

## INTERESTS

### Sports

- swimming
- volleyball

### Music

- playing the electric guitar
- mixing with Reaper

### Dance

- ballroom dances:  
jive, cha cha, tango
- social dances:  
salsa, zumba

### Photography

- using an APS-C camera
- post-processing using DaVinci Resolve

## WORK EXPERIENCE

- **Computer Engineering Internship** 06/2011 - 07/2011  
MBIS Computer Automation Consultancy and Education Services - Istanbul, Turkiye
  - Gained hands-on experience in **SAP** development with a focus on the **ABAP** programming language.
  - Developed basic **arithmetic programs** in ABAP as part of training progression.
  - Completed a full software module that **retrieves data from SAP databases** and prepares it for **PDF output**.
- **Electronics Engineering Internship** 08/2010 - 09/2010  
Arçelik Corporation - Istanbul, Turkiye
  - Designed and produced a **custom PCB** for a **fan driver circuit**.
  - Developed a **voltage source circuit** capable of generating square and triangular waveforms on **PCB**.
  - Created a **C# WinForms application** to simplify circuit calculations and support engineering workflows.
  - Performed **measurement and quality control** procedures on TV units in the **TV department of Arçelik** to evaluate performance and compliance.
- **Computer Engineering Internship** 06/2010 - 07/2010  
EvolineTR - Istanbul, Turkiye
  - Gained hands-on experience with **C++ MFC applications** using **Visual Studio 2008**.
  - Studied **C#** with a focus on OOP and event-driven programming.
  - Built a **car parking system software project**, implementing core logic and system behaviors.
  - Applied **event and delegate mechanisms** in **C#** to handle various parking system states and transitions.
- **Electronics Engineering Internship** 08/2009 - 09/2009  
Siemens - Istanbul, Turkiye
  - Learned to use **SiPass** and key components of **building automation systems**.
  - Learned how to design and configure automation solutions for large-scale commercial buildings.
  - Contributed to **building automation projects** for several **5-star hotels in Istanbul**.
- **Electronics Engineering Internship** 09/2008 - 10/2008  
Istanbul Technical University Control Laboratory - Istanbul, Turkiye
  - Completed a **two-week compulsory internship** after the first year of the BSc program.
  - Collaborated in a **team of two** to design a **voltage source PCB** as part of an assigned project.
  - Used **Proteus ARES** for **PCB layout design** in the university laboratory environment.
  - Designed a circuit featuring an **AC input, rectifier, 555 timer IC, and potentiometer**.
  - Produced a **DC voltage source** capable of outputting **-5V, +5V, and adjustable levels in between**.

## EDUCATION

- **Master of Science:** Electronics Engineering 09/2012 - 06/2015  
**Istanbul Technical University**, Istanbul, Turkiye
- **Master of Science:** Embedded Electronic System Design, Erasmus Program 09/2013 - 06/2014  
**Chalmers University of Technology**, Gothenburg, Sweden
- **Bachelor of Science:** Computer Engineering - Double Major Program, Major II 09/2008 - 06/2015  
**Istanbul Technical University**, Istanbul, Turkiye
- **Bachelor of Science:** Electronics Engineering - Double Major Program, Major I 09/2007 - 06/2012  
**Istanbul Technical University**, Istanbul, Turkiye

## REFERENCES

- Yeşim BAYRAMLI  
Senior Technical Program Manager at Amazon,  
Former Manager at Havelsan  
<https://www.linkedin.com/in/yesim-bayramli>
- Assoc. Prof. Feza BUZLUCA  
Faculty Member, Istanbul Technical University  
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- Anil ULUTÜRK  
Software Engineer at Google, formerly a Software Engineer at Microsoft  
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