ONUR MERT ANARAT
Software Developer

CONTACT

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SUMMARY

I started my journey in software development during high school with C++ and VB.NET, where I gained experience in game scripting.

During my mechatronics engineering studies, I worked on multiple projects involving C++ and C#. While working on my thesis, I discovered the power and simplicity of Python, which then became my primary focus. Over time, I expanded my expertise in Linux system administration and automation.

I have hands-on experience in building web applications using Python (Django), C# (ASP.NET Core), and JavaScript (Node.js). I continuously enhance my skills by working with cloud-based technologies such as Docker.

I am currently focused on deepening my expertise in modern backend development technologies and DevOps methodologies.

EDUCATION

Karabük University – *B.Sc. in Mechatronics Engineering*
Graduation: September 2019
GPA: 2.87

Thesis: Image Processing and Object Tracking

Developed a real-time color detection and object tracking system using C# and Arduino. The system captures live video, processes frames with AForge.NET for color filtering, and communicates with Arduino via serial commands to control hardware components like motors and LEDs. The project enables applications such as robotic arm movement and automated responses based on detected colors.

EXPERIENCE

Systems Engineer
Arttek System Integration, İstanbul *(Sep. 2022 - Oct. 2023)*
- Developed backend and frontend solutions for the 2023 Turkish Presidential Elections *(CNN Türk).*
- Installed and configured GPU servers in Linux environments *(Boğaziçi University).*
- EVS installation and configuration on Linux systems *(TRT).*

Backend Developer
Sezinsoft Information Technologies, İstanbul *(May 2022 - Sep. 2022)*
- Developed a vehicle routing optimization system with ASP.NET Core.
- Built a barcode application with C#.

Mechatronics Engineer
Dipomed Medical, İstanbul *(June 2021 - May 2022)*
- Programmed the processors of medical devices with Python and C++.
- Assembled, maintained, and repaired medical devices.

SKILLS

Programming Languages
- Python, C#, SQL, Node.js, JavaScript, VBScript

Web Development
- ASP.NET Core, Django, HTML, CSS

Database Management
- PostgreSQL, MySQL, MSSQL

DevOps & Cloud
- Linux, Docker, CI/CD

LANGUAGES

- **English:** Upper Intermediate (B2)
- **German:** Elementary (A1)

COURSES & TRAININGS

- **ASP.NET Core** - SoftBreak *(Instructor: Çağrı Yolyapar)*
- **SQL, Node.js** - Patika.dev *(Instructor: Gürcan Çekiç)*
- **JavaScript** - Patika.dev *(Instructor: Hakan Yalçınkaya)*
- **C# .NET** - Patika.dev *(Instructor: Zikriye Ürkmez Cengiz)*
- **Docker** - PyCon *(Instructor: Jérôme Petazzoni)*
- **Python** - Academy Club *(Instructor: Atıl Samancıoğlu)*