



Halim Can Ocaklı

DevOps Engineer

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PROFILE

Software engineer with a passion for DevOps processes, cloud infrastructure, and automation technologies. He has expertise in designing and implementing CI/CD pipelines using tools like GitHub Actions and Azure DevOps, enabling streamlined software delivery processes. His skills also include infrastructure as code (IaC) practices, with proficiency in tools such as Terraform and Terragrunt to build and manage scalable cloud infrastructures. He is experienced in web and desktop application development using C# and Java, and integrates data structures, OOP concepts, and algorithms into his solutions to ensure performance and maintainability. With a solid foundation in programming and database systems, he combines technical acumen with a problem-solving mindset to tackle complex challenges effectively. Currently, he is enhancing his knowledge in Azure cloud technologies and exploring Golang as a hobby, seeking to expand his perspective and skill set in modern backend development. With a strong understanding of DevOps principles and automation best practices, he is passionate about creating robust, scalable, and innovative solutions. As a lifelong learner and technology enthusiast, he actively seeks opportunities to mentor others and contribute to efficient, collaborative, and innovative development environments.

PROFESSIONAL EXPERIENCE

DevOps Engineer

Amadeus

03/2024 – present
İstanbul, Türkiye

As a DevOps engineer, I design automated Azure infrastructure with Terraform and Terragrunt, leveraging GitHub Actions, Golang, Python, and Bash for seamless deployments.

Junior System Engineer

Turkcell Global Bilgi

10/2023 – 02/2024
İstanbul, Türkiye

Application Development Operations Intern

Turkcell Global Bilgi

07/2023 – 09/2023
İstanbul, Türkiye

Long Term Data Architecture Intern

Halkbank

02/2023 – 06/2023
İstanbul, Türkiye

Database design organizes data into entities and relationships, with normalization reducing redundancy. Tools like .NET, MS SQL, and IBM PowerDesigner support management and modeling, while SPSS and ETL aid analysis. Data governance ensures quality, security, and compliance.

Junior Software Engineer

Saykal Electronics

08/2022 – 02/2023
Kocaeli, Türkiye

After my compulsory summer internship, I started to work as a Junior Software Engineer at Saykal Elektronik company within the scope of "Candidate Engineering". I continued to develop applications under the WPF framework using C# and XAML languages. I also created a data parsing application using Python language and a radar interface using the PyQT framework. I had the opportunity to work on a user interface where I integrated CANFD and LIN protocols. I also designed a motor driver interface and completed the back-end development. The applications I developed and contributed to the development are as follows: "Seat Belt Endurance Test", "Canbus Data Analyser", "Accelerometer Data Parser with Python", "Radar GUI with PyQT5", "Gateway UI", "Contacts App"

Software Engineering Intern

Saykal Electronics

07/2022 – 08/2022
Kocaeli, Türkiye

During my compulsory summer internship, I learned OOP principles and desktop programming techniques. I improved my knowledge of C#, XAML and was introduced to the WPF graphical framework, so I had the opportunity to enhance my frontend skills along with the backend. In addition, I learned about serial communication, created a basic serial communication application with WPF, and developed a simple gateway frontend to learn XAML.

Embedded Software Engineering Intern

Sixfab

04/2022 – 05/2022
San Jose, USA

That was a voluntary internship in which I developed a communication system that includes Telit ME910C1-WW which is the LTE UE Category (Cat) M1/NB1 specified in the 3GPP Release (Rel) 13. Cat M1/NB1 device integrated with Raspberry Pi Pico. The system has bilateral communication that communicates with an IoT cloud platform.

EDUCATION

BSc. Computer Engineering

Karabuk University

GPA - 2,97

2018 – 2023
Karabük, Turkey

VOLUNTARY EXPERIENCE

Artificial Intelligence Researcher

Dr. Caner Özcan

07/2022 – 02/2023
Karabük, Türkiye

At SimurgAI LAB, I voluntarily do research and development work, with a large staff of students, about data science, machine learning, and deep learning under the supervision of Associate Professor Doctor Caner Ozcan. This part-time employment is related to the lecture named "CPE312 Introduction to Machine Learning" which Caner Ozcan gives. The research team members are also responsible for being assistant students at the lecture mentioned above.

Assistant Student

Dr. Caner Özcan

02/2022 – 02/2023
Karabük, Türkiye

Assist students in computer laboratory sessions of *Programming Languages I*, *Programming Languages II*, and *Introduction to Machine Learning* lectures to make students well informed on algorithm development, C programming language, machine learning, and Python programming language that offered by Assoc. Prof. Dr. Caner Özcan.

Artificial Intelligence Software Team Member

KGM Black Night UAV Team

01/2021 – 07/2022
Karabük, Türkiye

I was a member of the unmanned aerial vehicle development team that is preparing for the Teknofest competition and worked in the computer vision systems and artificial intelligence development department of this team.

REFERENCES

Murat Saltoğlu, Senior Data Warehouse Engineer, Halkbank
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Özgür Saklanmaz, Software Engineer, Saykal Electronics
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