

Hasim Zafer Cicek

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EDUCATION

Hacettepe University

Bachelor of Science in Computer Science

Ankara, Turkey

Oct. 2019 – Jun. 2024

EXPERIENCE

Backend Engineer

TechNarts

Ankara, Turkey

Mar. 2025 – Present

- Developing and maintaining core backend services for the company's flagship platform with over **10 years of development history**.
- Utilizing **Django** for rapid backend development and **MariaDB** as the primary database to ensure scalability and reliability.
- Closed **25+ issues** by implementing new features, optimizing system performance, and resolving critical bugs to maximize platform stability, resulting in a measurable reduction in downtime and improved user satisfaction.

Software Engineer

Part-time Freelance

Remote

Jul. 2024 – Present

- Improved product sales by developing advanced web scraping solutions for e-commerce sites using **Python** and **Selenium**, leveraging multithreading for efficiency.
- Developed and published a Google Workspace extension for **Aitopia Chat**, integrating services with Google Sheets, Docs, and other Workspace apps; achieved over **31k** downloads and a **4.8** average user rating.

Software Engineer Intern

Tubitak

Gebze, Turkey

Aug. 2023 – Sep. 2023

- Enhanced Submarine Warfare Management System by designing user-friendly GUIs and data visualization modules using **C++**, **Qt**, and the **Qwt** library.

Front-End Engineer Intern

Turboard

Ankara, Turkey

Jun. 2023 – Aug. 2023

- Boosted application performance by identifying and fixing **12** critical software bugs.
- Contributed to development using **Vue.js**, **TypeScript**, and **JavaScript**.

PROJECTS

Stock Trading Automation System

- Founded and led a 7-member team to develop an automated stock trading platform leveraging **technical analysis** and **financial sentiment analysis**.
- Architected and deployed automation infrastructure on **Google Compute Engine** for scalable, high-availability trading operations.
- Coordinated cross-functional efforts across algorithm design, data pipelines, and cloud deployment.

Student E-commerce Platform with Virtual Currency

- Designed and implemented a forum-based e-commerce system with virtual currency features for bidding and transactions.
- Built user management and bidding system using **Python Flask**, **Jinja**, and **PostgreSQL**; conducted unit testing via **Postman**.

LEADERSHIP AND ACTIVITIES

Problem Setter

Algoleague

Remote

Jun. 2023 – Present

- Validated test data for **72** problems, authored and published **14** original problems, and wrote comprehensive editorials for **39** problems.

Volunteer Instructor

ACM Hacettepe

Remote

Oct. 2023 – Apr. 2024

- Instructed students in data structures, algorithms (Algo101, Algo102), and introductory programming with **C++**.

Huprog Senior Team Lead

ACM Hacettepe

Remote

Jun. 2022 – Jun. 2023

- Led organization of the **HUPROG 2023** contest, increasing participation by **10%**; authored **4** competition and **4** homework questions.