AHMET GOKSU

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Full-Stack Software Engineer with CERN experience, specializing in backend systems, CI/CD automation and user-oriented software tools.

EXPERIENCE

CERN | DevOps Engineer (Technical Student)   Geneva CH | 9.2025 - Present
Contributed to the ATLAS Phase-II by developing CI/CD pipelines to support the Dataflow system.

BSH Hausgerate | Solutions Architect   Istanbul TR | 9.2023 - 09.2025
Optimized DevOps strategies and enhanced software architectures.

NetBSD | Software Developer   Remote NY USA | 5.2023 - 9.2023
Developed a comprehensive donation handling and feedback system to streamline contributions.

EDUCATION

Istanbul Technical University Electrical and Electronics Engineering BS   2024 - Present
Gained deeper understanding of hardware to complement programming expertise.

Istanbul Sabahattin Zaim University Computer Engineering BS   2021 - 2024
Awarded full fee grant and merit-based scholarship. Led the blockchain club.

SKILLS

Programming Languages:	C, Bash, Java, Python, Javascript, Solidity
Technologies/Frameworks:	Node.js, Flask, Network, CI/CD
Tools / Platforms:	Git, Make, SQL, LaTeX, Docker, Kubernetes

PROJECTS / OPEN-SOURCE

CI/CD Pipelines for ATLAS TDAQ Dataflow   *CI, Alma9, Bash, CMake, Docker*
Designed pipelines enabling automated build, linting, sanitation and testing of C++ modules.   2025

Benchmarking Func Integration to Main Build System   *C, Python, Make*
Integrated a benchmarking framework into FreeType's build system to improve performance.   2023

Donation System   *Python, Flask, Bootstrap, PostgreSQL*
Developed a donation handling system for NetBSD, enhancing organizational efficiency.   2023

Conserva   *Java, Node.js, Android, Firebase*
Developed an award-winning emergency location and medical information sharing app.   2019

CERTIFICATIONS

- Complete Hands-on Web Development Training - .Net, SQL and JS **Udemy**
- The World of Kubernetes and Containers **Turkish Linux Users Association**
- Introduction to Network Administration **Turkish Linux Users Association**
- Ethereum & Solidity Practicium **Ethereum Foundation**

PUBLICATIONS

Overview to Internet Traffic of Mobile Applications (Turkish)   9th Issue
Arka Kapi Cybersecurity Magazine   2019

HONORS & AWARDS

Drone Dynamics: Summer School Scholarship **Riga Technical University**	2025
Ship for World Youth Leaders **Cabinet Office, Government of Japan**	2024
Yukselen Yildiz Scholarship **Turkish Technology Team Foundation**	2022
Admission for Computer Science 2025 Class **University of California Santa Barbara**	2021
Hall of Fame in Product Security Advisory **ASUSTek Computer Inc.**	2020
1st Prize in Coding Category **The Scientific and Technological Research Council of Türkiye**	2019
2nd Prize in Free Category **Erzincan University Rotek Competition**	2019