

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	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	<i>CI, Alma9, Bash, CMake, Docker</i>	2025
Designed pipelines enabling automated build, linting, sanitation and testing of C++ modules.		
Benchmarking Func Integration to Main Build System	<i>C, Python, Make</i>	2023
Integrated a benchmarking framework into FreeType's build system to improve performance.		
Donation System	<i>Python, Flask, Bootstrap, PostgreSQL</i>	2023
Developed a donation handling system for NetBSD, enhancing organizational efficiency.		
Conserva	<i>Java, Node.js, Android, Firebase</i>	2019
Developed an award-winning emergency location and medical information sharing app.		

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 Practicum **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
Yukselek 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