

# 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, L<sup>A</sup>T<sub>E</sub>X, Docker, Kubernetes

## PROJECTS / OPEN-SOURCE

- CI/CD Pipelines for ATLAS TDAQ Dataflow** CI, Alma9, Bash, CMake, Docker 2025  
Designed pipelines enabling automated build, linting, sanitation and testing of C++ modules.
- Benchmarking Func Integration to Main Build System** C, Python, Make 2023  
Integrated a benchmarking framework into FreeType's build system to improve performance.
- Donation System** Python, Flask, Bootstrap, PostgreSQL 2023  
Developed a donation handling system for NetBSD, enhancing organizational efficiency.
- Conserva** Java, Node.js, Android, Firebase 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
- 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