

DOĞUKAN SAĞLIK

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SUMMARY

Fourth-year Computer Engineering student focused on Linux systems, cloud infrastructure, and networking. Hands-on with Ubuntu/Debian administration, Bash, storage and access controls, package management, and network troubleshooting. Built reproducible Kubernetes-based 5G and DevOps projects; seeking an infrastructure, cloud, or systems engineering opportunity.

EDUCATION

OSTIM Technical University

Ankara, Turkey

B.Sc. in Computer Engineering, Fourth-year student

09/2023 – Present | GPA: 2.87/4.00

EXPERIENCE

Adsatek Teknik ve Biyomedikal Çözümler

07/2026 – 08/2026

IT Support & Systems Intern

Bolu, Turkey

- Provided IT support, hardware troubleshooting, and system deployment for end users.
- Used Acronis and Norton Ghost for disk imaging and system recovery.
- Diagnosed and resolved hardware and operating-system issues across multiple devices.

BLC Communication and Security Systems – Network & Infrastructure Department

Ankara, Turkey

Cloud & DevOps Intern

06/2026 – 07/2026

- Standardized IP address management and device documentation across a 5-server cluster using NetBox.
- Managed Docker deployments across Development, Testing, and Production environments, contributing to 99.3% uptime.

Cloud & DevOps Intern

01/2026 – 01/2026

- Designed and deployed a private OpenStack environment on Linux (Ubuntu) with 3 hypervisors and 7 virtual machines.
- Used Docker to deploy and learn tools such as NetBox and OpenProject, building working knowledge of Kubernetes and IaaS/SaaS concepts.
- Gained theoretical grounding in cloud architecture and infrastructure management.

Docuart Information Technologies – Software Development Department

01/2025 – 01/2025

Full-Stack Developer Intern

- Developed a full-stack Library Management System using OOP and CRUD principles.
- Built responsive React interfaces and Node.js back-end services.
- Integrated MongoDB and relational SQL databases for application data management.

SELECTED PROJECTS

Open5GS + UERANSIM on Kubernetes [GitHub](#)

Cloud-Native 5G Networking Lab

- Built a reproducible 5G Standalone lab deploying an Open5GS core and simulated UERANSIM gNB/UE on Minikube with Helm.
- Created a repeatable workflow with preflight, cluster bootstrap, deployment, and verification scripts; pinned Helm chart versions and included CI validation.
- Validated UE registration, PDU sessions, and uesimtun0 connectivity; diagnosed PLMN, SCTP, GTP-U, NAT, and pod-startup failures.

OpsCommand – Collaborative Kubernetes Management Platform [GitHub](#)

Collaborative DevOps Course Project

- Collaborated on a React/Node.js platform that combines real-time team chat with Kubernetes API operations through WebSockets.
- Worked with a plugin-based command model, MongoDB-backed history, Docker, Skaffold, Kubernetes manifests, Prometheus, and Grafana.

CERTIFICATIONS

DataCamp: Software Engineering Principles in Python | Introduction to Testing in Python | Data Analyst Career Track | Object-Oriented Programming in Python

TECHNICAL SKILLS

Linux & Systems: Ubuntu, Debian, Bash, filesystem and inode concepts, partitions, disk and mount management, permissions, umask, ACL

Security & Packages: AppArmor, SELinux fundamentals, dpkg, apt

Networking: TCP/IP, routing, NAT, bridging, DNS (dig, host, resolv.conf, nsswitch.conf, TTL), SMTP fundamentals, SSH, SOCKS proxy, nmap

Cloud & DevOps: Docker, Kubernetes, OpenStack, Helm, Skaffold, Multus CNI, NetBox, Minikube, GitHub Actions

Programming: Python, Java, JavaScript, Bash, SQL

Web & Data: React, Node.js, Express.js, REST/CRUD, MongoDB, MySQL, PostgreSQL

Observability: Prometheus, Grafana