Atahan Cesur

Computer & Software Engineer

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Computer Engineering graduate with experience in software development, Linux-based systems, Full Stack development, and DevOps workflows. Strong background in automation, CI/CD, and system reliability. Detail-oriented and collaborative engineer focused on high-reliability engineering systems.

SKILLS

Programming & Software Development Python, JavaScript, TypeScript, Object-Oriented Programming (OOP), Clean Code, Software Development Lifecycle (SDLC)

Full Stack Development React.js, HTML5, CSS3, Responsive Web Design, Node.js, Express.js, RESTful API,Development PostgreSQL, MySQL, MongoDB

Systems & DevOps Linux (Ubuntu, CentOS), Git, GitHub, Docker, CI/CD Pipelines, GitHub Actions, Bash Scripting, System Automation

Cloud & Infrastructure Concepts Containerization, Infrastructure Automation, Deployment Automation, Monitoring and Logging Concepts

Professional & Technical Competencies Analytical Thinking, Problem Solving, Team Collaboration, Attention to Detail, Process-Oriented Work, Continuous Learning

Monitoring & Reliability Prometheus, Grafana, Centralized Logging, System Monitoring, Performance Metrics, Troubleshooting

Networking & Web Technologies Nginx, Reverse Proxy, Load Balancing, HTTP/HTTPS, Basic Networking Concepts

Software Engineering Practices Agile Methodologies, Scrum, Version Control, Code Review, Technical Documentation

EDUCATION

Computer Engineering
Eastern Mediterranean University - ABET Accredited

09/2020 - 02/2025

LANGUAGES

Turkish
Native or Bilingual Proficiency

English
Native or Bilingual Proficiency

German
Limited Working Proficiency

WORK EXPERIENCE

SAP ABAP Developer Intern
NTT DATA Business Solutions Türkiye

06/2023 - 08/2023   *İstanbul/Türkiye*

Achievements

- Supported software development, debugging, and code review processes within SAP ABAP environments.
- Worked with Git-based version control workflows, including branching, merging, and change management.
- Assisted with transport management, deployment coordination, and system/environment transitions.
- Performed data handling, validation, and log analysis using automation scripts.
- Gained experience in enterprise software development lifecycle and structured documentation practices.

Field Coordination Intern
BAYKAR Technology

09/2025 - 12/2025   *Keşan/Türkiye*

Achievements

- Supported integration and testing processes for software running on operational UAV systems.
- Conducted log analysis, basic troubleshooting, and configuration checks on Linux-based systems.
- Assisted engineering teams in diagnosing system-level issues during field operations.
- Participated in verification and validation tasks before and during operational activities.
- Gained practical exposure to high-reliability, safety-critical engineering environments.

PROJECTS

CI/CD Pipeline Automation – Designed and implemented automated build and deployment workflows to improve software integration and release consistency.

Kubernetes Deployment Automation - Developed deployment configurations for distributed applications focusing on scalability, availability, and system reliability.

Containerized Microservices & Docker Compose - Built and optimized Docker images using custom Dockerfiles for microservice-based applications.

Monitoring & Observability Platform - Implemented system monitoring dashboards to track resource usage, performance metrics, and operational health.

Automated Server Provisioning -Developed automation scripts to standardize server setup and configuration processes.

Reverse Proxy & Load Balancing Configuration -Configured reverse proxy and load balancing setups to manage traffic routing for multi-service applications.

Eye Tracking System- Developed a real-time eye tracking application using computer vision techniques for gaze detection.

Sign Language Recognition System - Built a real-time hand gesture recognition system using machine learning and computer vision methods.

Thermoelectric Energy System Project - Designed and implemented a thermoelectric energy generation system; achieved a top-10 ranking in a national engineering competition.

• Community AI Projects – Software development, testing, documentation, Git workflows, and automation support.

COURSES & CERTIFICATIONS

DevOps Fundamentals
Core DevOps principles, CI/CD workflows, automation, and containerization concepts.

Bash Scripting & Automation
Automation scripting for system tasks, process management, and operational workflows.

LFCS – Linux Foundation Certified System Administrator
Practical Linux system administration covering services, networking, storage, and troubleshooting.

ABET Accreditation
Engineering education accredited under internationally recognized ABET standards.

German Language – B2 (CEFR)
Upper-intermediate proficiency for technical and professional communication.

GRE General Test
*Quantitative Reasoning Score: **166 / 170***

REFERENCES

Mert Can Girgin - Senior Linux System Administrator
"HAVELSAN"

E-mail : mgirgin@havelsan.com.tr

Berkay Tengilimoğlu - UAV Operator Trainer
"BAYKAR Technology"

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