

Barkın Balcı

barkin.balci@gmail.com | <https://barkin.dev> | <https://github.com/BarkinBalci/> | <https://www.linkedin.com/in/barkin-balci/>

Software Engineer experienced in Go and Python, specializing in microservices, container orchestration with Kubernetes, CI/CD pipelines, and cloud infrastructure on AWS. Skilled in system observability through APM and distributed tracing tools.

EDUCATION

Bachelors in Software Engineering | İstanbul Nişantaşı Üniversitesi

June 2021 – July 2025

EXPERIENCE

Backend Engineer | GetirAraç

January 2025 – Present

- Developed and maintained multiple backend microservices using Go and Python with PostgreSQL and Redis, including successfully migrating a Python service to Go for improved performance and scalability
- Containerized microservices with Docker and orchestrated deployments using Kubernetes on AWS EKS with Helm charts for configuration management
- Integrated Elasticsearch for centralized logging and full-text search capabilities, while utilizing APM tools (New Relic, Sentry) for distributed tracing, performance monitoring, and debugging
- Implemented CI/CD pipelines using Bitbucket for automated testing and deployment processes
- Collaborated with cross-functional teams in Agile/Scrum environment, managing workflows through Jira and participating in on-call rotation for production support

PROJECTS

Coilcrypt

December 2023 - August 2024

- Developed a cross-platform password manager using React, React Native, and Node.js with AES-256 encryption and PBKDF2 key derivation to ensure secure credential storage
- Implemented Realm database to enable offline data access and seamless automatic synchronization across multiple devices
- Built end-to-end encrypted solution delivering secure password management functionality on web and mobile platforms

SKILLS

Python, Go, C#, Java, Git, Django, FastAPI, PostgreSQL, MongoDB, DynamoDB, Redis, RabbitMQ, Elasticsearch, Kubernetes, Helm

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- MongoDB Certified Developer
- NVIDIA Jetson AI Specialist