Ahmet Coşkun Kızılkaya

# SOFTWARE ENGINEER

## Personal Profile

I am a dedicated mobile application and back-end developer with a passion for software and computers since 2020. Open to full-time opportunities, I am actively engaged in backend development and have a strong interest in DevOps. I am continuously learning and expanding my skill set in these areas.

**Contact Information**

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• [LinkedIn](https://www.linkedin.com/in/ahmetcoskunkizilkaya) [GitHub](https://github.com/ahmetk3436) [Medium](https://medium.com/%40ahmet16ck) [Stack Overflow](https://stackoverflow.com/users/15001912/ahmet-co%C5%9Fkun-k%C4%B1z%C4%B1lkaya)

## Computer Skills

• Operating Systems: MacOS, Windows , Linux (Ubuntu, CentOS, Rocky)

## Education

• Bursa Ataturk Anatolian High School (2015-2019)
• Selçuk University - Computer Engineering (2020-2024, GPA: 3.40)

## Projects:

GO:
• Experience: 2 Year
• Libraries: Gorm, Fiber, Echo, JWT, Gorilla (Mux), Standard Built-In , TestContainers Unit, Integration , E2E Tests & etc…
• Architecture: Following [golang-standards project layout](https://github.com/golang-standards/project-layout) , Hexagonal Architecture

• Golang AWS S3 Microservice: Developed a microservice using Go and AWS S3, utilizing hexagonal architecture. Implemented retry pattern, circuit breaker and extensive testing (unit, integration, and end-to-end), and set up Docker and Docker-Compose configurations. Integrated Logrus for logging, and used Jaeger and Prometheus for monitoring through OpenTelemetry. Documented the API with Swagger 2.0. Built with Fiber and GORM, using MySQL as the database.

- [GitHub](https://github.com/ahmetk3436/golang_aws_s3_microservice)

• Git Stats Golang: Created a tool for generating statistics from Git repositories using Go. The application analyzes repository data to produce insightful metrics and visualizations, aiding in project management and developer productivity tracking. Integrated CLI for ease of use and implemented robust error handling and logging mechanisms.

- [GitHub](https://github.com/ahmetk3436/git-stats-golang)

• YouAndUs: Developed a comprehensive project using C# and Go aimed at creating a microservice architecture. The project involves various aspects of backend development, including API creation, database management, and integration of different services. The goal is to achieve a scalable and efficient system for handling various user events and data management tasks.

- [GitHub](https://github.com/ahmetk3436/youandus/tree/main)

C#:

• Experience: 2 Year
• Libraries/Frameworks: LINQ, Entity Framework, CQRS
• Patterns: Abstract Factory, Builder, Factory Method, Singleton, Facade, Decorator
• Architecture: N-Layer, Clean Architecture, DDD & TDD

• BsStoreApp: A project implemented in C# encompassing various features and following the N-tier architecture.
 - [GitHub](https://github.com/ahmetk3436/BsStoreApp)

DevOps:

• Experience: 2 Year
• Tools: Git, GitLab, Docker, Kubernetes
• Monitoring: Prometheus, Grafana, ElastickStack
• Automation: Ansible

• CI/CD: Jenkins, ArgoCD

• Docker Compose File: Sets up a multi-container environment with services such as Portainer, Traefik, Grafana, Prometheus, cAdvisor, Node Exporter, and MongoDB instances in a replica set.
 - [GitHub](https://github.com/ahmetk3436/kartaca-intern)

AWS:
• Services: EC2, S3, Route 53, Auto Scaling, Load Balancer

General Skills:
• Google Services: Google Play, Google AdMob, Firebase (Crashlytics, A/B Testing, Firestore, Authentication, Analytics, Performance Tracking)
• Databases: MySQL, PostgreSQL, PL/SQL, MongoDB
• API Testing: Postman

Java :

eBebek Java Case: Implemented a solution to a final case study for eBebek. The project involved developing a comprehensive application with various functionalities to meet the case requirements. Utilized best practices in coding, testing, and deployment.

* **GitHub**: [eBebek Final Case](https://github.com/ahmetk3436/ebebek_final_case)

eBebek QA Case: Developed a QA project for eBebek, focusing on ensuring the quality and reliability of the software. The project included creating automated test scripts, conducting various types of testing, and implementing continuous integration practices.

* **GitHub**: [eBebek QA Case](https://github.com/ahmetk3436/ebebek_qa_case)

## Work Experience

• PIWorks: 3 Months Full-Time Intern & 10 Months Part-Time Junior DevOps Engineer

Responsibilities:

- Managed GitLab for upgrade and backup operations.

- Enhanced pipelines for improved security and reduced pipeline duration.

- Developed tools and dashboards for various teams (QA, Product).

- Write a C# for backend and Angular for frontend

- Assisted in identifying and resolving issues.

- Conducted tests before production deployment.

- Proficient in developing and solving complex algorithms.

- Highly skilled in research and leveraging search engines effectively.

VATANSOFT: 3 Months Full-Time Intern (Go)

Responsibilities:

- Managed Linux machines (certificates, maintenance, builds, etc.).

- Developed CRM backend using Golang.

- Provided new ideas for product improvement in collaboration with PM.

- Engaged in pair programming with frontend and backend teams.

• PEILABS: 2 Months Full-Time Intern (Flutter & Go)

Responsibilities:

* Create A CRM End-To-End
* Manage Firebase
* Developed a learning coin application.

• Cumhuriyet Cargo: Freelance 9 Months (Flutter)

Responsibilities:

* Developed modules for cargo transport and confirmation systems.