

Muhammet Ahmet Kocyigit

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PROFESSIONAL SUMMARY

Backend Developer with strong experience in designing and building scalable, enterprise-grade Java applications. Specialized in RESTful API development and microservices architecture using Spring Boot. Proven track record of delivering high-impact systems, including a document archive platform managing over 1M+ records, a security operations audit system, and a real-time interview management platform. Experienced with PostgreSQL, Redis, Elasticsearch, and Docker, with a focus on performance, scalability, and reliability. Passionate about clean code, SOLID principles, and test-driven development.

EDUCATION

Selcuk University Sep. 2020 -- Jun. 2024
BSc in Computer Engineering Konya, Turkey

Gebze STFA Technical Anatolian High School 2014 – 2018
Web Programming

EXPERIENCE

Rituel Company Jul. 2024 – Apr 2026
Java Developer Kocaeli, Turkey

- Developed and maintained RESTful APIs using Spring Boot, enabling secure and efficient data exchange between microservices.
- Designed and implemented an archive management system handling 1M+ documents, with reliable storage, retrieval, and document lifecycle control.
- Built a security operations audit platform that digitized field inspections and delivered real-time email reports to management.
- Created a real-time interview management system with calendar integration for marketing teams, supporting scheduling and assignment workflows.
- Collaborated in an Agile environment, contributing to code reviews, testing, and CI/CD pipelines to deliver production-ready features.

IBTECH A.S. Sep. 2017 -- Jun. 2018
Software Engineering Intern Turkey

- Gained hands-on experience in enterprise Java application development within a professional software team.
- Participated actively in all phases of the Software Development Life Cycle (SDLC).

Devinix Solutions AB Mar. 2018
Network & System Intern

PROJECTS

Archive Inventory Management System | *Spring Boot, PostgreSQL, Redis, Elasticsearch, Docker*

- Led backend development for a large-scale enterprise archive system storing 1M+ documents with high availability requirements.
- Designed APIs for inventory tracking, warehouse location management, and document request processing.
- Implemented Elasticsearch for fast full-text document search and Redis caching to reduce database load; containerized with Docker for production deployment.

Security Operations Audit Platform | *Spring Boot, PostgreSQL, Redis, Docker*

- Developed a platform to digitize and visualize security personnel field audits, replacing manual paper-based processes.
- Implemented automated real-time email notification system delivering audit results to relevant managers upon completion.

Real-Time Interview Management System | *Spring Boot, PostgreSQL, Redis, Docker*

- Built a calendar-integrated interview scheduling and management system for marketing teams, enabling real-time meeting assignment and tracking.
- Implemented real-time update and notification features to keep all stakeholders synchronized on interview statuses.

TECHNICAL SKILLS

- Programming:** Java (17/21), SQL
- Backend Development:** Spring Boot, Spring Security (JWT), Spring Data JPA, Hibernate
- Architecture & APIs:** Microservices, RESTful APIs, GraphQL, API Gateway, OpenAPI (Swagger)
- Databases & Caching:** PostgreSQL, MySQL, Redis, Elasticsearch
- DevOps & Cloud:** Docker, Kubernetes, Jenkins (CI/CD), AWS (EC2, S3, RDS)
- Build & Tools:** Maven, Gradle, Git, GitHub, GitLab, Jira, SonarQube
- Principles & Practices:** SOLID, Clean Architecture, Domain-Driven Design (DDD), Test-Driven Development (TDD)

CERTIFICATES

- System & Network Expertise Internship – IT-Total Operations AB (2018)
- Advanced Docker - Data Persistence and Orchestration-Packt (2025)