

GORKEM TANAGARDIGIL

SENIOR SOFTWARE DEVELOPER

PROFESSIONAL SUMMARY

Senior Software Engineer with 10+ years delivering scalable backend systems and microservices across regulated / mission-critical environments. Strong in Java/Spring Boot, Kubernetes (AWS EKS), CI/CD (GitHub Actions), and MongoDB (Atlas + on-prem), with experience improving performance and reliability in production. Comfortable leading technical direction, mentoring, and driving cross-team execution. Also capable of building AI-enabled applications (LLM integration, RAG, embeddings, evaluation/guardrails) to automate workflows and accelerate product delivery.

EXPERIENCE

Senior Full Stack Developer

March 2023 - Present | Payroll Engine, Luxembourg

- Worked in a microservice environment. Docker, Kubernetes (AWS EKS), Docker Swarm (Portainer)
- Managed CI/CD pipelines.(Github Actions)
- Developed backend in Spring Boot using the best practices. Worked with MongoDB. Contributed in performance improvements. (Production on MongoDB atlas and on premise).
- Worked with RabbitMQ as a message broker
- Used Redis to manage cache.
- Unit and integration tests depending on tech stack.
- API Integration based on customer needs using OpenAPI specifications
- Contributed to frontend applications(VueJS and Next.js)
- Recommended and implemented performance improvements.
- Analyzed user needs to determine technical requirements.

Senior Software Developer

February 2022 - March 2023 | Rightyon, Istanbul

- Developed backend solutions in Spring Boot using Java 11 for various applications.
- Designed and implemented database schemas for complex web applications utilizing MySQL.

CONTACT

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- 📍 Luxembourg

SKILLS

- API integration
- Microservices architecture
- Software architecture
- DevOps practices
- Databases (Relational, Vector, NoSQL)
- Software best practices
- Software lifecycle management
- Multitasking skills
- Problem-solving abilities
- Time management strategies
- AI technologies (RAG, LLM)
- Spring Boot framework
- Java and Kotlin programming
- TypeScript and JavaScript development
- React and Vue.js frameworks
- Docker containerization
- Docker Swarm orchestration
- Kubernetes management
- Cloud computing (AWS, GCP)
- Version control (Git)
- Linux operating system

- Leveraged Git for code management and collaboration, ensuring efficient project history tracking.
- Created REST APIs and utilized GraphQL for enhanced data interactions.
- Implemented MQTT for communication in IoT applications.
- Developed native Android mobile applications to expand platform reach.
- Worked with GCP and Firebase to enhance application functionality and scalability.
- Provided technical mentorship to junior developers, fostering high-quality software development.

Software Developer

April 2021 - February 2022 | Oscorpex, Istanbul

- Collaborated with other software developers on design, development and testing of programs.
- Designed and coded new software or modified existing software to add new features.
- Designed and implemented various web-based applications for clients.
- Contributed various applications including on premise and web.
- Developed in Spring Boot.
- Worked with MySQL.
- Debugged and resolved software issues efficiently, minimizing downtime and ensuring application stability.
- Utilized object-oriented programming (OOP) principles and design patterns to write clean, maintainable, and reusable code.

Computer Engineer

August 2010 - April 2021 | Turkish Navy, Istanbul

- Developed mission-critical systems primarily using Java.
- Maintained existing codebase across multiple projects to ensure software stability.
- Implemented security measures, including encryption, authentication, and authorization.
- Provided technical support during implementation of new systems for customers.

EDUCATION

Bachelor of Science (B.S.) in Computer Engineering

August 2010

National Defense University

CERTIFICATIONS

- Using MongoDB with Java, MongoDB, 2022
- Kubernetes and Docker, Udemy, 2023

LANGUAGES

- **Turkish**
Native
- **English**
Fluent
- **French**
Conversational
- **Luxembourgish**
Beginner
Luxembourg Online Education Center

WEBSITE, PORTFOLIO AND PROFILES

<https://www.linkedin.com/in/gorkemtanagardigil/>

REFERENCES

References available upon request

PUBLICATIONS

- DTSS 2019 International Conference & Exhibition on Digital Transformation & Systems, Light Fidelity(LiFi): New Era in Wireless Communication/METU, 23 Eki 2019