

FATİH MEHMET ARSLAN

SENIOR SOFTWARE ENGINEER | Backend · Distributed Systems · Cloud Applications

Athens, Greece | contact@fmarslan.com | <https://fmarslan.com>

PROFESSIONAL SUMMARY

I am a hands-on Senior Software Engineer with more than 14 years of experience building enterprise applications, distributed systems, integration platforms, and cloud-native software. My strongest areas are backend engineering, event-driven architectures, microservices, and production systems built with Java, .NET, Kafka, PostgreSQL, Docker, and Kubernetes. I enjoy writing code, solving complex technical problems, and contributing directly from requirements and solution design through implementation, troubleshooting, and production operation.

TECHNICAL SKILLS

Backend Engineering: Java, Spring Boot, Spring, Hibernate, C#, .NET, REST APIs, background processing

Distributed Systems: Microservices, event-driven architecture, Kafka, Redis, asynchronous processing, multi-tenant platforms

Cloud & Delivery: Kubernetes, Docker, Azure, CI/CD, observability, Linux, production troubleshooting

Data: PostgreSQL, MySQL, MSSQL, Oracle, MongoDB, data modeling, integration pipelines

Supporting Technologies: TypeScript, JavaScript, Node.js, Angular, Python, AI-assisted development

PROFESSIONAL EXPERIENCE

Senior Software Engineer & Technical Lead | Eaglessoft, Belgium

07/2025 – Present

- I build a multi-tenant, event-driven enterprise platform using Java, .NET, Kafka, Redis, PostgreSQL, Docker, and Kubernetes.
- A major part of my work is developing Java services for Peppol and enterprise integrations in Germany, France, and other European markets.
- I develop backend services for document collection, validation, transformation, routing, compliant cross-border delivery, and tenant-isolated workflows.
- I contributed implementation improvements to the open-source Helger Peppol project while developing production Peppol capabilities.
- I contribute directly to implementation, code reviews, troubleshooting, API and messaging standards, observability, and production decisions.

Senior Software Engineer & Technical Lead | Modulair, Netherlands

09/2022 – 07/2025

- I developed cloud-native business applications and backend services for SaaS, ERP, retail, franchise, and e-commerce solutions.
- I worked hands-on in Azure and Kubernetes environments, cloud migrations, legacy modernization, integrations, and operational automation.
- I built reusable services and AI-assisted workflow automation for service desk, ERP, sales, marketing, and retail operations.

Technical Lead / Solution Architect | Mantis, Türkiye

01/2019 – 09/2022

- I transformed monolithic enterprise applications into microservice-based SaaS and FaaS platforms and helped deliver 10 modular products.
- I developed reusable backend components and third-party integrations, and implemented Kubernetes, CI/CD, monitoring, and deployment automation.
- We scaled one platform from about 300 to more than 20,000 concurrent users without adding infrastructure cost.
- I also developed high-volume data-processing and monitoring services for industrial systems, including predictive-maintenance capabilities.

Senior Software Engineer / Scrum Master | Comodo, Türkiye

08/2018 – 01/2019

- I designed and implemented Java enterprise microservices using Spring Boot, Spring, Hibernate, and PostgreSQL.
- Reusable service components reduced duplicated business logic by approximately 40%; I also contributed to code reviews and Agile delivery.

Technical Lead / Senior Software Engineer | VHS Electronics, Türkiye

07/2017 – 08/2018

- I developed distributed, real-time backend systems for energy plants, smart metering, and utilities using .NET Core, Node.js, PostgreSQL, and MongoDB.
- I integrated heterogeneous protocols and legacy systems from hydroelectric, wind, and solar plants into a normalized central platform.
- For remote sites, I built store-and-forward services and edge filtering to prevent data loss and control high-volume telemetry.
- I developed ingestion, monitoring, alarms, reporting, and analytics services processing thousands of metrics every few seconds.
- I designed the core services of a multi-tenant smart-metering platform supporting remote operations, billing data, and geographic monitoring.

Software Engineer / Team Lead | AGMLAB, Türkiye

09/2011 – 05/2017

- I developed Java, C#, and JavaScript solutions for ERP, GIS, e-government, healthcare, biometric authentication, and mobile projects.
- I worked across analysis, backend and frontend development, databases, CI/CD, deployment, production support, and legacy modernization.

ENGINEERING HIGHLIGHTS

- Designed and delivered software across regulated e-invoicing, SaaS, public-sector, energy, Industrial IoT, and real-time data-processing domains.
- Maintained a consistent engineering focus across these domains: reliable backend services, system integration, scalability, automation, and production readiness.

EDUCATION & LANGUAGES

B.Sc. Computer Engineering — Karabuk University