

Ekinan Casim

Software Architect & Senior Java Engineer

Istanbul, Turkey · ekincan@casim.net · ekincan.casim.net · linkedin.com/in/eccsm · github.com/eccsm

SUMMARY

Software Architect and Senior Java Engineer with 10+ years designing and delivering enterprise-scale platforms in insurance, banking, and retail. Track record of leading legacy-to-modern transformations (monolith -> microservices, Oracle ADF -> Spring Boot 3.x), designing event-driven architectures on Kafka, and embedding regulatory compliance (data protection, auditability) into system design. Hands-on leader: architect who still writes production code, mentors engineers, and drives decisions through design reviews. Expert in modern Java and Spring Boot, domain-driven design, and cloud-native delivery on Kubernetes.

EXPERIENCE

Software Architect & Lead Engineer

Jul 2025 - Present

Medisa · Istanbul, Turkey

- Architect and hands-on lead for an enterprise insurance platform (Java 17/21, Spring Boot 3.x) serving core policy and claims operations; decomposed overloaded domains into bounded contexts and independent microservices with domain-driven design.
- Designed event-driven policy issuance and claims flows on Kafka with Redis caching, improving real-time notification throughput.
- Embedded data-protection compliance (KVKK) into the architecture - response-layer masking, data classification, and audit trails - with legal and security stakeholders.
- Built batch pipelines processing hundreds of thousands of records with proper transaction isolation, chunking, and index optimization.
- Set engineering standards (microservice templates, SonarQube quality gates, code reviews) and run delivery and operations: Rancher-managed Kubernetes with Jenkins CI/CD, an ELK-to-Graylog migration, and Dynatrace monitoring.

Business Applications Foundation Lead

Aug 2022 - Jul 2025

NTT DATA Business Solutions · Istanbul, Turkey

- Architect of record for Allianz's core system transformation from legacy Oracle ADF to Spring Boot 3.x, improving performance, maintainability, and scalability.
- Designed the Allianz Architectural Framework - a reusable enterprise architecture blueprint adopted across multiple teams as the standard development pattern.
- Built a GenAI-powered HR chatbot for Pegasus Airlines: Spring Boot microservices with Redis-based intelligent caching, rate limiting, and token-cost optimization for production LLM usage.
- Delivered microservices across multiple client engagements (Java 17, Spring Boot, Kafka, Angular); oversaw PostgreSQL and MongoDB implementations.
- Introduced CI/CD practices with Jenkins and GitLab pipelines, accelerating delivery cycles across teams.

External Software Consultant

Mar 2021 - Aug 2022

Yapi Kredi Teknoloji · Istanbul, Turkey

- Re-architected the Harmoni insurance framework (Java 6/JSP/Oracle) at one of Turkey's largest banks into modular, microservice-ready components.
- Migrated the backend to Java 8 + Spring Boot, replaced JSP frontends with React, and tuned Oracle database performance in a regulated financial environment.
- Worked in Agile delivery cycles with code reviews and continuous integration.

Software Developer & Technical Team Leader

Jan 2018 - Mar 2021

Toshiba Global Commerce Solutions · Istanbul, Turkey

- Led a development team delivering retail self-checkout (CHEC) and real-time monitoring (REMS) applications on Java and Spring.
- Managed implementations for global clients across France, Morocco, India, Singapore, and Korea, coordinating with distributed teams.
- Directed technology migrations including Java 11 and PostgreSQL upgrades, improving reliability.

Software Developer - Earlier Roles

Sep 2015 - Jan 2018

Smartiks & BAYPM · Istanbul, Turkey

- Developed Python forecasting libraries for a TUBITAK-supported Big Data project; optimized MS SQL and Elasticsearch workloads (Smartiks).
- Delivered enterprise workflow applications (e-contract management, supplier portals) on Java and low-code platforms (BAYPM).

SKILLS

Core: Java (11-21), Spring Boot 3.x, Microservices, Domain-Driven Design, Event-Driven Architecture, Kafka, Redis, REST, Oracle, PostgreSQL, JPA/Hibernate tuning, Batch processing at scale, Kubernetes, Rancher, Jenkins, SonarQube, Dynatrace, Graylog

Languages: Kotlin, Python, JavaScript/TypeScript, SQL

Backend & Architecture: Spring Cloud, GraphQL, gRPC, RabbitMQ

Data: MS SQL, MongoDB, Elasticsearch

Cloud & DevOps: Docker, Helm, Azure, AWS, GCP, GitLab CI/CD, GitHub Actions, Terraform

Quality & Observability: TDD, JUnit, JMeter, Gatling, ELK

Frontend (working knowledge): React, Angular

Practices: Agile/Scrum, Technical mentorship, RFC-driven design reviews, Compliance-aware engineering (KVKK/GDPR)

EDUCATION

Master's Degree in Engineering and Technology Management

Sep 2017 - Jun 2019

Dogus University · Istanbul, Turkey

Bachelor's Degree in Computer Engineering

Sep 2011 - Jun 2015

Maltepe University · Istanbul, Turkey

CERTIFICATIONS

- Cplace Certified Procode Developer — Cplace, 2023
- OutSystems ODC Associate Developer — OutSystems, 2016

LANGUAGES

- Turkish — Native
- English — Fluent - Maltepe University Proficiency Exam 80/100