

Istanbul, Türkiye

Yunus Emre Öztürk

Software Engineer

Result-oriented Software Engineer with extensive experience in the banking domain, specializing in large-scale enterprise projects. Proven track record in developing core banking systems, including credit management, risk assessment, limit tracking, and accounting integrations. Expert in building scalable microservices and modernizing financial workflows through automation and high-impact software solutions.



WORK EXPERIENCE

Türkiye Kalkınma ve Yatırım Bankası | via Deka Technology

Full Stack Developer

2023/12- Present

- **Architecture & Maintenance:** Developing and maintaining a robust enterprise banking platform comprising **80+ microservices** (Account, Underwriting, Collateral, Payment Plan, Gledger, Customer) using Spring Boot and Spring Cloud.
- **Credit Lifecycle Management:** Engineering end-to-end workflows for credit approval, disbursement, cancellation, and collection processes.
- **Risk & Control:** Implementing sophisticated control mechanisms for risk and limit management based on customer-specific credit utilization.
- **Financial Accuracy:** Ensuring seamless integration of credit transactions into accounting ledgers with high data integrity.
- **External Integrations:** Streamlining institutional data exchange by developing **REST/SOAP** based services within the Direct module.
- **Process Automation:** Utilizing **Java/Spring Boot** for batch processing and notification job schedulers to enhance operational efficiency.
- **Reporting:** Designing dynamic financial reports using **Jaspersoft**, ensuring complex data binding and real-time database connectivity.

Highlighted Projects - 2025

- **TAKPAS Inquiry System:** Developed a secure integration and reporting application for real-time retrieval of title deed records and mortgage data, ensuring compliance with institutional standards.
- **Risk & Limit Management:** Developed a real-time calculation infrastructure to manage credit limits for cash and non-cash products. I engineered automated multi-currency processing and dynamic limit update workflows to ensure accurate risk assessment based on customer transactions.
- **Fee & Commission System:** Created an automated approval routing system for discount thresholds and custom pricing.
- **Centralized Receipt System:** Developed a centralized system for generating single and batch pdf receipts based on transaction types.

Majorel | via Deka Technology

Full Stack Developer

2021/08- 2022/11

- **Premium System Project:** Maintained monolithic enterprise application for bonus and incentive calculation for customer representatives, team leaders, and managers.
- **CSR Salary Account Project:** Developed microservices for salary calculation and payroll data transfer, including working hours, social security days, meal, and transportation allowances.

EDUCATION

Fırat University

Software Engineering
2015-2020

SKILLS

Backend

→ Spring Boot
→ Spring Cloud
→ Spring Security
→ Spring Batch
→ Hibernate
→ Camunda

Messaging and Event Driven Systems

→ Kafka
→ RabbitMQ
→ Transactional Outbox Pattern

API Integration

→ REST
→ SOAP

Frontend

→ JavaScript
→ Vue.js
→ Angular

Databases

→ MSSQL
→ MySQL
→ PostgreSQL

DevOps & Testing

→ Docker
→ Kubernetes
→ ArgoCD
→ Jenkins
→ Maven
→ Gradle
→ JUnit
→ Mockito

REFERENCE

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LANGUAGE

English A2