

# MILE STANISLAVOV

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## Senior Software Engineer — Backend & Distributed Systems

### SKILLS

**Languages:** Java, Python

**Backend:** Spring Boot, Quarkus, FastAPI

**Infrastructure:** Kubernetes, Docker, OpenShift, AWS, Jenkins CI/CD

**Data:** Kafka, PostgreSQL, Cassandra, ActiveMQ

**Other:** Distributed Systems, Reactive Programming, IaC

### PROFESSIONAL EXPERIENCE

#### Scalefocus — Senior Software Engineer (09/2025 – Present)

- Built Git-based analytics engine for developer activity and code quality
- Implemented SonarQube-based evaluation logic with custom indicators
- Refactored system to reactive architecture with synchronized state
- Contributed to AI coaching system generating developer insights
- Developed PyQt UI with real-time dashboards

#### FCA Personalized AI Platform — Senior Software Engineer (10/2025 – 02/2026)

- Defined architecture for FCA-compliant AI support agents
- Built AWS-based services (App Runner, Aurora, Bedrock, Cognito)
- Implemented contextual reasoning pipelines
- Coordinated cross-functional development team
- Aligned model behavior with governance constraints

#### Financial AI Assistant — Senior Software Engineer (07/2025 – 10/2025)

- Developed FastAPI backend with async PostgreSQL
- Built contextual conversation system
- Implemented RAG pipeline for financial data
- Added JWT auth and RBAC
- Led CI/CD and environment setup

#### Scalefocus Briefing Box Adapter — Software Engineer (07/2024 – 05/2025)

- Developed Quarkus microservices on OpenShift
- Implemented real-time aviation message routing
- Designed secure communication protocols
- Collaborated with international teams
- Contributed to system architecture decisions

#### Kontron — Software Engineer (06/2022 – 07/2024)

##### Platform Migration

- Migrated OpenStack platform to Kubernetes (Vagrant)
- Built IaC provisioning for Kafka, DBs
- Containerized Java services
- Implemented Jenkins + Helm deployments
- Added monitoring and performance testing

##### KAIS-Data

- Built Presto/Hive analytics platform
- Provisioned VM clusters
- Developed Jupyter workflows

- Created Superset dashboards
- Implemented monitoring

### **SOA Orchestrator**

- Built Spring Boot orchestration service
- Implemented Camunda workflows
- Ensured data consistency
- Added logging and monitoring

### **Tenant Deployment Engine**

- Built provisioning service (Spring Boot)
- Created Helm templates
- Integrated Keycloak auth
- Implemented tenant monitoring

## **TEACHING & MENTORING**

### **Code Master Education — Mentor**

- Mentored 6 students in .NET academy (1 year)
- Delivered structured 3h sessions
- Provided individual guidance

### **Instructor**

- Taught Java fundamentals
- Supported presentations
- Helped students debug and learn

### **Company Mentor (2025)**

- Mentored 5 practitioners building AI application
- Guided full-stack + AI development
- Provided architecture and implementation feedback

## **CERTIFICATIONS**

Databricks Certified Generative AI Engineer Associate (2026–2028)

Claude Code in Action (2026)

Spring Certified Professional (2025)

Full-stack Java Academy

## **EDUCATION**

Nikola Karev — Mathematics and Computer Science (2021)