ADITYA KATKOJU
USA | +1 (704) 490-0610 | adityavaj08@gmail.com | LinkedIn

PROFESSIONAL SUMMARY

Experienced **Java Developer** with 5+ years of success in delivering high-performance applications within the **Banking and Financial Services** sector. I specialized in building secure, scalable microservices using **Spring Boot**, handling millions of transactions, and integrating regulatory compliance into financial systems. Skilled in **Java 8/11/17**, **RESTful APIs**, **Oracle/PostgreSQL**, **Kafka**, and **Spring Security**, with a focus on delivering secure, auditable, and high-availability solutions in Agile environments.

TECHNICAL SKILLS & CORE COMPETENCIES

- **Languages**: Java 11, SQL, Bash
- **Frameworks**: Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Hibernate, Spring Batch
- **Architecture & APIs**: Microservices Architecture, REST APIs, API Gateway, Eureka, Resilience4j, OAuth2, JWT, RBAC
- **Banking & Finance**: Core Banking Systems, Payment Processing, SWIFT/ISO 20022, AML/KYC Compliance, Basel III, CCAR, Risk Scoring
- **Messaging & Integration**: Kafka, RabbitMQ
- **Databases**: Oracle, PostgreSQL, MySQL, MongoDB
- **Cloud & DevOps:** AWS (EC2, ECS, Lambda, S3, RDS), Docker, Kubernetes, Jenkins, Terraform, Helm, Git, Maven, Gradle
- **Monitoring & Logging**: Prometheus, ELK Stack (Elasticsearch, Logstash, Kibana), Splunk, Log4j
- **Security & Compliance**: Secure Coding Practices, TLS/SSL, PCI DSS, Data Encryption
- **Methodologies**: Agile, Scrum, JIRA, Confluence, Unit Testing (JUnit, Mockito), TDD

PROFESSIONAL EXPERIENCE

Java Developer – Core Banking & Payment Systems
U.S. Bank, USA | *Aug 2023 – Present*

- Developed and maintained **Spring Boot microservices** for real-time **payment processing**, account validations, and transaction lifecycle events.
- Designed and secured RESTful APIs with **OAuth2 and JWT**, aligning with **PCI DSS** and financial data privacy standards.
- Built **Oracle-backed services** with optimized SQL queries and JPA entities for balance sheets, reconciliation, and ledger updates.
- Implemented **circuit breakers (Resilience4j)** and **API Gateway** logic for failover and high availability.
- Collaborated with the AML team to integrate **real-time compliance checks** in customer onboarding and transaction systems.
- Deployed containerized microservices on **AWS ECS using Docker and Helm**, improving release frequency by 40% and ensuring seamless auto-scaling.
- Refactored legacy services into Spring-based **microservices with Eureka service discovery**, improving maintainability and deployment speed.
- Automated fraud monitoring pipelines using **Kafka** for ingesting and analyzing event-driven data.
- Integrated **SonarQube quality gates** in CI/CD pipelines to maintain 90%+ code quality.
- Built monitoring dashboards with **Prometheus and Grafana** for transaction latency and system uptime KPIs.
- Participated in architecture decisions to improve scalability and disaster recovery in cloud environments.

Java Developer – Financial Data & Risk Systems
Dentsu, Hyderabad, India | *May 2019 – Aug 2022*

- Developed **Spring Boot APIs** for credit scoring, loan origination, and real-time financial statement validation.
- Used **Spring Batch and Java multithreading** to schedule high-frequency reporting and portfolio risk analysis jobs.
- Built ISO 20022 and SWIFT message transformers to integrate international payment workflows with core banking systems.
- Developed Kafka-based services for account alerts, suspicious transaction tracking, and fraud notification queues.
- Migrated legacy reporting workflows to cloud-based infrastructure on **AWS EC2 and RDS**, reducing server maintenance costs by 30%.
- Implemented **unit and integration tests** (JUnit, Mockito, TestContainers), achieving 95%+ coverage and reducing regression defects.
- Applied **Liquibase** for schema versioning and Dev/Test/Prod deployment consistency.
- Assisted in **regulatory reporting** automation for Basel III and CCAR using SQL-based data aggregation jobs.
- Participated in Agile rituals, sprint reviews, and cross-functional stakeholder planning.
- Supported compliance teams with **TLS integration**, encrypted payload delivery, and secure data storage practices.

KEY PROJECTS

Real-Time Transaction Engine

- Built scalable, fault-tolerant Spring Boot microservices for processing and auditing millions of banking transactions daily, backed by Oracle and secured with JWT.

Basel III & CCAR Reporting Automation

- Designed Spring Batch + PostgreSQL solutions to automate risk data aggregation, reducing manual reporting delays by 70% across regions.

EDUCATION

Master of Science in Computer Science
Montclair State University, USA – 2024

CERTIFICATIONS

- Microsoft Certified: Java Developer
- AWS Certified Developer – Associate
- Certified Kubernetes Administrator (CKA)
- Oracle Certified Professional: Java SE 17