

# LEKSHMI

Senior Java Backend Developer | Java 17 · Spring Boot · Microservices | REST APIs · Spring Security  
Dubai, UAE | +971 543101600 | lekshmisaji2825@gmail.com | linkedin.com/in/lekshmi-b14050140

## PROFILE SUMMARY

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Results-driven Senior Java Backend Developer with 5+ years of expertise in architecting enterprise-grade microservices and secure, high-availability banking applications. Proven success in the FinTech and transport sectors, optimizing system performance for 200,000+ daily transactions and achieving 99.9% uptime. Expert in Java 17, Spring Boot, and cloud-native practices. Currently based in Dubai on a dependent visa; available for immediate hire with no sponsorship required.

## CORE TECHNICAL SKILLS

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**Languages & Frameworks:** Java, Java 17, J2EE, Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Spring Web Services, Hibernate

**Microservices & Cloud:** Microservices Architecture, REST APIs, SOAP APIs, JWT Authentication, Docker, JBoss FUSE, CI/CD (Maven, Jenkins)

**Architecture & Design:** Enterprise Architecture, System Design, N-Tier Architecture, API Design, Object-Oriented Programming (OOP), Design Patterns, SOLID Principles

**Databases:** Oracle, MySQL, PostgreSQL, SQL Server, JPA/Hibernate ORM, Complex SQL, Stored Procedures, Query Optimization

**Messaging & Performance:** Asynchronous Processing (@Async), Multithreading, Concurrency, Spring Scheduler, Redis Caching, Pagination & Performance Tuning

**Testing & Quality:** Mockito, Unit Testing, TDD, Integration Testing, Regression Testing, API Testing, Code Reviews, Postman, Swagger/OpenAPI

**Tools & Practices:** Git, IntelliJ IDEA, Eclipse, Maven, Log4j, SDLC, Agile/Scrum, OWASP Security Reviews

**Domain Expertise:** Banking & Financial Services (FinTech), Payments Processing, Transportation & Mobility, Regulatory Compliance (RBI)

## PROFESSIONAL EXPERIENCE

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### Java Backend Developer

Feb 2025 - Present

SEKITECH | Client: Integrated Transport Centre (ITC), Abu Dhabi

Dubai, UAE

- Engineered 10+ enterprise-grade microservices using Java 17, Spring Boot, and REST APIs, serving 50,000+ daily active users across the UAE transport network.
- Implemented JWT-based authentication, Spring Security filters, and role-based access control (RBAC), reducing unauthorized access incidents by 100%.
- Optimized JPA/Hibernate ORM mappings with lazy loading, caching, and custom fetch strategies, cutting average query response time by 40%.
- Built scheduled jobs and async processing pipelines (@Async, Spring Scheduler) for real-time event handling with zero downtime deployments.
- Enforced CI/CD best practices using Maven and automated builds; maintained 99.9% application uptime in production.
- Led code reviews for a team of 5 developers, enforcing clean architecture standards and reducing post-release defects by 30%.

### Java Backend Developer

Nov 2022 - Oct 2024

Federal Operations & Services Ltd (FedServ) | Client: Federal Bank

Ernakulam, India

- Designed and delivered 20+ RESTful and SOAP APIs using Java, Spring Boot, and Spring MVC for core banking modules including payments, accounts, and customer onboarding — achieving 99.9% service availability.

- Developed microservices architecture integrated with JBoss FUSE for event-driven processing of 200,000+ daily banking transactions.
- Integrated external payment processors and third-party systems via secure APIs, fully compliant with RBI regulatory standards.
- Implemented multi-threading and concurrent transaction processing, handling peak loads of 5,000+ simultaneous users without performance degradation.
- Built complex Oracle and MySQL queries, stored procedures, and Hibernate ORM layers for financial data operations across 10+ database schemas.
- Created automated Postman test suites with CI/CD integration, reducing manual QA time by 35% and accelerating release cycles.

### Software Analyst

Nov 2021 - Nov 2022

Capgemini | Client: Barclays Bank

Bangalore, India

- Analyzed business requirements and designed API specifications for 8+ banking integration services using Java, Spring Boot, and REST/SOAP protocols.
- Developed API endpoints aligned with J2EE standards and Barclays' internal security protocols; participated in OWASP security reviews.
- Worked with Oracle and SQL Server databases, writing PL/SQL packages and analytical queries supporting regulatory reporting.
- Contributed to Agile sprints across a 12-person cross-functional team, consistently delivering features on time within 2-week sprint cycles.

### Junior Software Engineer

Jun 2021 - Nov 2021

Sniqsys Technosphere Pvt Ltd.

Trivandrum, India

- Built and maintained test environments, executed features, integration, regression, and system tests for new software releases.
- Identified and documented 100+ software defects, collaborating with developers to resolve critical issues before production deployment.

### KEY ACHIEVEMENTS

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- Delivered banking APIs with 99.9% uptime across Federal Bank and Barclays, processing millions of financial transactions annually.
- Reduced query response times by 40% through Hibernate optimization, caching strategies, and database indexing.
- Cut manual QA effort by 35% by building automated Postman test suites integrated into CI/CD pipelines.
- Led code reviews reducing post-release defects by 30% while mentoring junior developers in clean code principles.

### EDUCATION

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#### Bachelor of Technology, Electronics and Communication Engineering

Sri Vellappally Natesan College of Engineering, Kattachira, Pallickal P.O., Alappuzha, Kerala, India | 2015 – 2019

#### Higher Secondary Education

St. Mary's Girls High School, Kayamkulam, Alappuzha, Kerala, India | 2013 - 2015

### ADDITIONAL INFORMATION

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**Languages:** English (Professional), Malayalam (Native).

**Visa Status:** Dependent Visa (No sponsorship required).

**Notice Period:** Immediate.