

# SANTHOSH RAVIKANTI

Chicago, IL

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## PROFESSIONAL SUMMARY:

- Professional **Java Developer** with 6+ years of experience designing and delivering enterprise-grade and cloud-native applications across **FinTech, Banking, SaaS, and Cloud** domains.
- Expertise in **Java, Spring, Spring Boot (Microservices, REST APIs, Spring Security), Hibernate, and React.js**, building scalable, secure, and maintainable distributed systems.
- Hands-on experience in **Microservices architecture**, API gateway design, inter-service communication, and database optimization for high-performance systems.
- Skilled in **AWS, Azure, Docker, Kubernetes, Jenkins, GitHub Actions, Maven, and Gradle**, driving DevOps automation and continuous integration/delivery (CI/CD).
- Proficient in **PostgreSQL, MySQL, MongoDB, Redis**, and SQL performance tuning to enhance query execution and data reliability.
- Strong grasp of **Agile/Scrum, TDD/BDD, JUnit, Mockito**, ensuring code quality, maintainability, and minimal production defects.
- Certified in **Oracle Certified Professional: Java SE 17 Developer, Certified Professional Scrum Master I & II, Microsoft Azure Fundamentals** and **SAFe Agilist**, recognized with **Infosys Insta Award** and hackathon achievements for innovation and leadership.

## TECHNICAL SKILLS:

Languages & Scripting:	Java, JavaScript (ES6+), SQL, HTML, CSS, JSP/Servlets, TypeScript, jQuery, Shell Scripting
Frameworks & Libraries:	Spring, Spring Boot (Microservices, REST APIs, Spring Security, Spring Data JPA), Hibernate, React, Angular, Bootstrap, Redux, Node.js
Databases & Storage:	PostgreSQL, MySQL, MongoDB, DB2, Redis, Stored Procedures, SQL Joins
Cloud Platforms:	AWS (EC2, S3, RDS, Lambda, CloudWatch), Azure (App Services, Functions), IBM Cloud (basics)
DevOps & Build Tools:	Jenkins, GitHub Actions, Docker, Kubernetes, Maven, Gradle, Git, Bitbucket, GitLab, Bamboo, Artifactory
Messaging & Streaming:	Apache Kafka, RabbitMQ, ActiveMQ
Testing & QA:	JUnit, Mockito, Postman, Selenium (basics), Cucumber (BDD), Swagger, JMeter (basics)
Monitoring & Logging:	Splunk, ELK Stack, Control-M, AWS CloudWatch, Kibana
Agile Practices & Tools:	Agile (Scrum, SAFe), TDD/BDD, CI/CD pipelines, OAuth2/JWT, Jira, ServiceNow, Remedy ITSM

## PROFESSIONAL EXPERIENCE:

Senior Associate Consultant  
Infosys Limited

Aug 2021 – Present

- Developed and maintained **Spring Boot-based microservices** for high-volume **credit scoring and loan origination systems**, processing millions of transactions daily.
- Engineered **RESTful APIs** using Spring Boot and Hibernate, enhancing modularity, maintainability, and API response efficiency.
- Implemented **Spring Security with OAuth2/JWT** for secure authentication and authorization in online banking systems.
- Optimized performance by fine-tuning **PostgreSQL and MongoDB** queries and introducing caching with **Redis**, reducing response time by 40%.

- Automated CI/CD pipelines using **Jenkins, Docker, and AWS**, reducing deployment time by 60% and improving release reliability.
- Refactored legacy monolithic applications into **Spring Boot microservices**, improving scalability, fault isolation, and modular deployment.
- Mentored junior developers on **Java coding standards, Spring Boot best practices**, and Agile methodologies, strengthening overall team performance.

## Application Developer

IBM Limited

Jan 2019 – Aug 2021

- Designed and implemented **Spring and Spring Boot microservices** to modernize claims and credit management systems in the financial sector.
- Developed and consumed **REST APIs** with Spring MVC and Spring Data JPA, ensuring efficient CRUD operations and consistent service integration.
- Built **event-driven microservices** using **Apache Kafka** to process claims data in real time, enhancing system responsiveness.
- Leveraged **Hibernate ORM** for database mapping and implemented optimized **SQL joins, stored procedures**, and caching mechanisms with Redis and Memcached.
- Utilized **Jenkins, Docker, and Maven** to automate build and deployment processes, improving development cycle efficiency.
- Implemented **unit and integration testing** with JUnit and Mockito, ensuring code reliability and coverage.
- Worked in **Agile/Scrum** environments, collaborating with business analysts and QA teams to deliver scalable and high-quality microservice solutions.

## PROJECTS:

**Flex Interest-Free Card (FLEX) – Credit Card Origination System | Infosys (2021 – Present)**

**Senior Associate Consultant | Infosys**

**Environment:** Java 8, Spring Boot, Microservices, REST API, SQL, Swagger, Kafka, Control-M, Splunk

- Designed and implemented **new microservices** from scratch using Spring Boot and REST APIs to support origination flow (application creation to welcome email).
- Built **Kafka listeners** to poll fraud detection events and automated batch jobs in Java with Control-M for data processing.
- Developed and monitored **Splunk dashboards** exposing microservice operational metrics and error logs, reducing issue triage time by 35%.
- Worked directly with BAs, architects, and product owners to refine requirements, resolve defects, and deliver enhancements in an **Agile/Scrum environment**.
- Led end-to-end testing (unit, integration, UAT, staging, production) ensuring high-quality delivery and compliance with SLAs.
- Provided **client-facing support and maintenance**, resolving incidents and enhancements in collaboration with Westpac stakeholders.

**Loan Origination System (LOS/BPM) – Credit Cards & Personal Loans | IBM (2019 – 2021)**

**Application Developer | IBM |**

**Environment:** Java, Spring Boot, Microservices, SQL, Swagger, BPM, Control-M

- Delivered enhancements for a **Business Process Management (BPM) loan origination system** integrating multiple upstream (customer forms, Westpac Live) and downstream systems (DEMI, Vision Plus, CIS).
- **Ensured real-time credit decisioning within 14 seconds** using straight-through processing pipelines.
- Designed and optimized **SQL queries, stored procedures, and caching mechanisms**, reducing data latency and improving system reliability.
- Collaborated across teams to provide **24/7 production support**, resolving incidents, reducing downtime, and improving turnaround time.
- Configured **Control-M batches** across environments for automated workflows, reducing manual intervention.

## **EDUCATION:**

- **Master of Science, Computer Science – GPA 4.0/4.0**  
Southeast Missouri State University | Missouri, USA | Aug 2023 – Dec 2024
- **Bachelor of Technology, Information Technology – GPA 7.5/10**  
Jawaharlal Nehru Technological University | Hyderabad, India | Jun 2014 – Jul 2018

## **CERTIFICATIONS & ACHIEVEMENTS:**

- Oracle Certified Professional : Java SE 17 Developer  
<https://catalog-education.oracle.com/ords/certview/sharebadge?id=A6EF00248092F24FDC8BE792D11E2A7E72EC05377BD965B2CE208B1C5B70019C>
- Professional Scrum Master™ I  
[https://www.credly.com/badges/dd79a005-f7bc-46a5-b4b7-b132d67dc2f3/linked\\_in\\_profile](https://www.credly.com/badges/dd79a005-f7bc-46a5-b4b7-b132d67dc2f3/linked_in_profile)
- Professional Scrum Master™ II (PSM II)  
[https://www.credly.com/badges/d4f30736-1902-4c5d-8953-f5a0868a8673/linked\\_in\\_profile](https://www.credly.com/badges/d4f30736-1902-4c5d-8953-f5a0868a8673/linked_in_profile)
- Microsoft Certified: Azure Fundamentals  
[https://www.credly.com/badges/62308887-6310-4982-894f-3a156ae21b7d?source=linked\\_in\\_profile](https://www.credly.com/badges/62308887-6310-4982-894f-3a156ae21b7d?source=linked_in_profile)
- Docker Essentials Developer Introduction  
[https://www.credly.com/badges/a4cbbba66-d283-4ab4-b837-b6a1290b968d/linked\\_in\\_profile](https://www.credly.com/badges/a4cbbba66-d283-4ab4-b837-b6a1290b968d/linked_in_profile)
- IBM Cloud Garage TDD, IBM Cloud Essentials  
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- Certified SAgile 4 Agilist  
[https://www.credly.com/badges/97bb106d-9012-4cad-9a98-2b1bf28259d5/linked\\_in\\_profile](https://www.credly.com/badges/97bb106d-9012-4cad-9a98-2b1bf28259d5/linked_in_profile)