Rohith Davuluri

Full Stack Java Developer

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# SUMMARY

* Full Stack Java Developer with 3 years of experience creating enterprise-grade applications using Java17, 11, Spring Boot, React.js, and Angular with cloud deployment expertise.
* Expert in microservices architecture and performance optimization through advanced Java programming, database integration, and automated testing frameworks achieving measurable efficiency improvements.
* Proficient in delivering scalable solutions using modern development practices, CI/CD automation, and cross-platform technologies while maintaining high code quality standards.

# SKILLS

**Methodologies:** SDLC, Agile, Waterfall

**Programming Languages & Core Technologies:** Python, Java, JavaScript, HTML5, CSS3, SQL, TypeScript, REST API, GraphQL

**Frontend Technologies:** React, Angular, Vue.js, jQuery, Bootstrap, Tailwind CSS, Webpack

**Backend Technologies:** Node.js, Apache, Tomcat

**Java Frameworks & Build Tools:** Spring Boot, Spring MVC, Spring Security, Hibernate, Maven, Gradle, Django, Flask, FastAPI

**Databases & Data Management:** PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch, Database Design

**Testing Frameworks:** Pytest, JUnit, Mockito, Jest, Unit Testing, Test-Driven Development (TDD)

**Cloud & DevOps:** AWS, Azure, Docker, Kubernetes, CI/CD, Jenkins, Terraform **Development Tools:** VS Code, PyCharm, IntelliJ IDEA, Eclipse, Postman, Swagger, JIRA **Version Control:** Git, GitHub, GitLab

**Soft Skills:** Critical thinking, Problem-solving, Attention to detail, Communication Skills, Stakeholder Management

# EDUCATION

## Master of Science in Information Systems and Cybersecurity May 2025

University of Central Missouri, Warrensburg, MO

## Bachelor of Technology in Computer Science and Engineering June 2023

Qis Institute of Science and Technology, India

# WORK EXPERIENCE

## Full Stack Java Developer | PNC, Kansas August 2024 - Current

* Developed and maintained **Java 17 microservices** with **Spring Boot** and **AWS RDS** for financial transaction processing, designing system architecture and robust validation rules that reduced transaction failures while working in an **Agile Scrum** environment.
* Built secure **RESTful APIs** using **Spring Security** with frontend-backend integration for multiple payment networks, ensuring PCI compliance and regulatory standards throughout the **SDLC** while effectively collaborating with cross-functional teams.
* Implemented asynchronous message processing using **Apache Kafka** with RabbitMQ integration for real-time notifications, developed event-driven architecture patterns, improving system scalability and reducing processing latency by 35%.
* Optimized application performance using **Java** Streams and Collections framework, implemented multi-threading for concurrent processing, reducing memory usage by 30% and improving response efficiency.
* Designed responsive transaction monitoring dashboards using **React.js** and **Bootstrap** with API integration, enabling operations teams to quickly identify and resolve issues, improving incident response time.
* Implemented **CI/CD pipelines** using **Jenkins**, **GitHub** for version control, and **AWS CodeDeploy** for cloud deployment, performing code reviews and writing **JUnit** tests with performance optimization that reduced deployment time.
* Troubleshot critical production issues within SLA timeframes using **IntelliJ** debugging tools and optimized **AWS RDS** and

**MySQL** database schema design, resulting in 20% faster transaction processing and improved system throughput.

## Full Stack Java Developer | Vivma Software Inc, India August 2021 – July 2023

* Architected comprehensive authentication system using **Spring Boot** and **Spring Security REST APIs** with **JWT tokens** and OAuth2 integration, implemented **TypeScript** validation with **Redis** caching, reducing user login failures by 70%.
* Engineered internal task management dashboard through **Angular** and **Material-UI** with **MongoDB** backend, developed WebSocket real-time updates and **Azure** Blob Storage integration, improving operational efficiency.
* Resolved cross-browser compatibility issues by implementing responsive **Angular** interfaces with **Tailwind CSS** and **Bootstrap**, collaborated with UI/UX teams using AJAX calls, achieving 98% browser compatibility across devices.
* Established automated **CI/CD deployment** pipelines using **Jenkins** and **GitHub** Actions with **Docker** containerization for

**microservices**, integrated comprehensive **Cypress** testing frameworks, achieving consistent automated deployment success rates.

* Coordinated **agile** development workflows by conducting **Git** and **GitLab** code reviews and **Maven** build processes, translated stakeholder requirements into **GraphQL API** implementations, maintaining 95% code quality standards across development cycles.
* Engineered data access layer using **Hibernate JPA** with **MySQL database** integration, developed comprehensive unit tests with

**JUnit** and **TestNG** frameworks, achieving 95% test coverage and seamless database transaction management.

* Optimized backend data processing workflows by migrating legacy systems to **Azure Cloud Services** with **Python** microservices, implemented caching strategies reducing API response times by 60%.