

RAMBABU DHARANALA

ramdharanala04@gmail.com | 312-788-0117 | linkedin.com/in/Ram Dharanala

SUMMARY

Full Stack Java Developer with over 6 years of experience architecting and deploying scalable, cloud-native applications. Specializes in building high-performance microservices with Spring Boot and responsive frontends with React.js. Proven expertise in AWS infrastructure, CI/CD automation, and leading projects through the full software development lifecycle to deliver robust, enterprise-grade solutions.

TECHNICAL SKILLS

Backend: Java 8/11, Spring Boot, Spring Security, Hibernate, JPA, RESTful APIs, Microservices

Frontend: React.js, Angular.js, JavaScript, TypeScript, HTML5, CSS3, Redux, Bootstrap

Cloud & DevOps: AWS (EC2, S3, Lambda, EKS, CloudWatch), Docker, Kubernetes, Jenkins, Git, Maven

Databases: PostgreSQL, MySQL, Oracle, MongoDB

Testing & Tools: JUnit, Mockito, Jira, Swagger, IntelliJ, VS Code

PROFESSIONAL EXPERIENCE

Full Stack Developer

February 2025 – Present

Nordstrom, Minneapolis, MN

- Engineered RESTful APIs using Spring Boot and Java 11 for the Returns Platform, successfully processing over **50,000+** daily return requests and improving data processing efficiency by **30%**.
- Configured and deployed scalable Spring Boot applications on AWS EC2 with auto-scaling, achieving **99.95%** uptime and handling significant traffic spikes during peak seasons.
- Optimized PostgreSQL query performance by analyzing execution plans and implementing indexing strategies, reducing data lookup times for refund processing by **40%**.
- Automated build and deployment processes using Jenkins and AWS CodePipeline, cutting down manual deployment time by **80%** and enabling rapid, consistent releases.

Full Stack Engineer

December 2023 – January 2025

Optum, Minneapolis, MN

- Developed a high-throughput audit platform supporting **15** healthcare providers, streamlining compliance audits and reducing manual review time by **40%**.
- Architected a JMS-based messaging system with IBM MQ to process asynchronous audit events, ensuring **99.99%** message delivery accuracy and improving system resilience.
- Led the refactoring of legacy Java modules to Java 11, which boosted application performance by **20%** and enhanced overall code maintainability.
- Managed secure file exchange using AWS S3 for claim attachments, ensuring full HIPAA compliance and providing robust audit trails for sensitive documentation.

Full-stack Java Developer

February 2023 – November 2023

Estes Express Lines, Minneapolis, MN

- Built a centralized billing portal using Spring Boot microservices and React.js, reducing revenue leakage by **8%** through improved accuracy in freight charge calculations.
- Designed and deployed containerized microservices using Docker and Kubernetes (EKS), improving application scalability and simplifying multi-region deployments.
- Implemented JWT and OAuth 2.0 with Spring Security to protect sensitive billing data, enforcing role-based access control across all critical APIs.

System Analyst

September 2021 – October 2022

Western Illinois University, Macomb, IL

- Gathered business requirements and created technical specifications using UML; developed and integrated J2EE applications with Spring, Hibernate, and Oracle databases.

Full Stack Developer

August 2019 – July 2021

Bajaj Finserv, India

- Developed a customer-facing chatbot platform using Spring Boot and React.js, automating over **10,000+** monthly loan queries and reducing call center load by **25%**.
- Automated customer communication by scheduling AWS Lambda functions for loan application updates, improving user engagement rates by **20%**.

EDUCATION

Western Illinois University, Macomb, IL

Jawaharlal Nehru Technological University, India

Master of Science in Computer Science

Bachelor of Technology in Computer Science