

Ruchitha Nandikonda

Full Stack Developer

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SUMMARY

Full Stack Java Developer with 3 years of experience in designing, developing, and deploying robust, scalable, and secure enterprise solutions. Expert in Java, Spring Boot, React.js, and AWS, specializing in REST/GraphQL APIs, microservices, and modern cloud infrastructure. Proven ability to streamline CI/CD (Docker, Kubernetes, Jenkins, Terraform), optimize performance, enhance security, and drive test automation.

SKILLS

Programming Languages: Java, JavaScript, TypeScript, SQL, Python, C, C#

Backend Technologies: Spring Boot, Spring MVC, Spring Security, Hibernate, Node.js

Frontend Technologies: React.js, Angular, Redux, HTML5, CSS3, Bootstrap

Databases: MySQL, MongoDB, PostgreSQL, Oracle, MS SQL Server

API & Integration: REST APIs, GraphQL, WebSockets, Swagger

Cloud Platforms: AWS (S3, EC2, Lambda, API Gateway, RDS, IAM), Azure

DevOps& Tools: Docker, Kubernetes, Jenkins, Git, GitHub, CI/CD Pipelines, Terraform, Nginx

Monitoring: CloudWatch, Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana)

Testing & Quality: JUnit, Mockito, Jasmine, Postman, Test strategy, Code coverage, Integration testing

Collaboration & Leadership: JIRA, Confluence, Agile/Scrum, Slack

EXPERIENCE

Full Stack Developer, Berkshire Hathaway, USA

Feb 2025 – Present

- Designed and developed scalable full-stack solutions using React.js, Node.js, and AWS, improving application performance by 30% and reducing downtime.
- Created SOAP-based services for standardized communication and established RESTful services to facilitate efficient, stateless interactions, addressing diverse integration requirements.
- Configured and managed AWS infrastructures (VPC, EC2, S3, CloudFront, and ELB) to support healthcare applications with high scalability and reliability while optimizing cost-effectiveness in storing and processing patient data. Implemented CI/CD pipelines using Docker, Kubernetes, and Jenkins, reducing deployment time by 50%.
- Migrated legacy systems to cloud-native architecture on AWS, improving scalability and lowering infrastructure costs.
- Collaborated with cross-functional teams in Agile sprints to deliver features ahead of deadlines and improve customer satisfaction by 15%.

Java Developer, Experion Technologies, INDIA

Aug 2021 – Dec 2023

- Developed and maintained enterprise-grade web applications using Java (Spring Boot), React.js, and PostgreSQL, serving over 50,000 active users.
- Utilized HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, and XML to craft dynamic user interfaces and enhance interactive web functionality.
- Proficient in Apache Maven for project build automation and dependency management, streamlining Java application development and ensuring consistent, efficient deployments across development and production environments.
- Designed and implemented REST APIs and microservices, reducing system downtime by 30% and improving scalability.
- Automated testing using JUnit and Selenium, reducing bug incidence by 45% and improving code reliability.
- Migrated on-premise applications to AWS cloud, achieving 25% cost savings and improved resource allocation.
- Built reusable UI components, reducing development time by 20% and ensuring design consistency.
- Implemented real-time monitoring and logging solutions using ELK Stack, improving system error detection by 35%.
- Led thorough unit testing with JUnit, maintained code quality and integrity using GitLab, and promoted a collaborative environment fostering team-driven innovation.
- Participated in Agile ceremonies, sprint planning, and retrospectives to improve delivery speed and team collaboration.

EDUCATION

Master's in Computer Information Systems,

Colorado State University, Colorado, USA

Jan 2024 – May 2025

Bachelor's in Electrical and Electronics Engineering,

B V Raju Institute of Technology, Medak, Telangana, India

Aug 2019 – Jun 2023

CERTIFICATIONS

Java: Advanced Concepts for High-Performance Development - LinkedIn

Learning Full-Stack JavaScript Development: MongoDB, Node, and React - LinkedIn

Information Technology Project Management - Colorado State University

Microsoft Full-Stack Developer Professional Certificate