

VEERENDRA SABBINA

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PROFESSIONAL SUMMARY

Full Stack Developer with 4+ years of experience designing and delivering enterprise-grade applications. Backend focus on Java and Spring Boot, frontend with Angular and React.js. Design RESTful APIs and microservices, secure services using Spring Security (JWT/OAuth2). Optimize SQL and NoSQL databases, deploy services on AWS using ECS, EC2, Lambda, and S3 with autoscaling and monitoring. Automate CI/CD pipelines via GitHub Actions and Jenkins. Implement automated testing with JUnit, TestNG, and Selenium WebDriver to ensure quality, reduce defects, and accelerate delivery in agile teams across fast-paced, business-critical environments.

PROFESSIONAL EXPERIENCE

Software Developer | Citadel, New York, United States

Jan 2025 – Present

- Design and maintain Spring Boot microservices in Java for core business capabilities with JPA, caching, and resilience patterns, improving user-perceived responsiveness by 20%.
- Implemented secure APIs with Spring Security, OAuth 2.0, and MFA, enabling authenticated communication and protecting payment flows under 150 ms for daily requests.
- Develop and deploy Spring Boot REST APIs handling 120K+ daily requests with latency under 150 ms, achieving 93% performance efficiency across partner-facing services.
- Work extensively on front-end development using Angular and JavaScript, delivering responsive, user-friendly interfaces that increased user satisfaction.
- Optimize SQL schemas and queries using indexing, query plan analysis, and batching, and tune NoSQL access patterns for read-heavy endpoints, cutting average query time by 25%.
- Automate CI/CD pipelines with GitHub Actions and deploy Spring Boot microservices on AWS (ECS, EC2, S3) with autoscaling and monitoring, improving release speed.

Application Software Engineer | Accenture, Hyderabad, India

Sep 2022 – Jul 2023

- Architected and launched Java backend services with Spring Boot and Hibernate, secured with Spring Security using JWT and OAuth2, optimizing queries and caching to reduce service latency by 20%.
- Built and secured RESTful APIs with endpoint versioning, token validation, and custom error handling, serving 75K+ daily transactions with 99.9% uptime.
- Developed responsive interfaces using Angular with HTML, CSS, and JavaScript, applying RxJS and lazy loading to shrink bundle size and speed first paint for desktop and mobile.
- Wrote and optimized SQL across MySQL, PostgreSQL, and Oracle; modeled entities with JPA, adding targeted indexes to cut complex query runtimes by 41%.
- Enhanced Jenkins CI/CD pipelines with automated tests and approvals, reducing deployment time by 50%.
- Managed cloud infrastructure on AWS using CloudFront, API Gateway, S3 to enhance content delivery and scalability.

Junior Software Engineer | Persistent Systems, Hyderabad, India

Feb 2020 – Aug 2022

- Built backend services with Core Java and Spring Boot, leveraging concurrency, caching, and connection pooling to reduce latency by 24% under peak load across production environments.
- Developed and optimized RESTful APIs with versioned endpoints, robust error handling, and cursor/offset pagination, decreasing API-related support tickets by 26%.
- Collaborated with front end teams to build and tune React.js components improving page load and interaction times by 15% and strengthening API contracts.
- Managed the data layer for Node.js and Express.js APIs across MySQL and MongoDB, optimizing schemas and queries, and implementing read replicas to sustain 10,000+ active users during peak periods.
- Implemented automated testing with JUnit and TestNG plus Selenium WebDriver, raising effective coverage to 82%.

SKILLS

- **Programming Languages:** Java, Python, C, C++, JavaScript, TypeScript, SQL
- **Web Technologies & Frameworks:** Spring Boot, Spring Cloud, Spring Security (JWT/OAuth2), JPA, Hibernate, RESTful APIs, Microservices, Node.js, Express.js, Angular, React.js, RxJS, HTML5, CSS3
- **Databases:** MySQL, PostgreSQL, Amazon Aurora, Oracle, MongoDB, Query Optimization
- **Cloud & DevOps:** AWS (EC2, ECS, S3, Lambda, Route 53), Jenkins, Docker, Kubernetes, Git/GitHub, CI/CD
- **Methodologies:** Agile (Scrum, Sprint Planning), SDLC, Test-Driven Development (TDD), Secure Coding Practices
- **Testing & Automation:** JUnit, TestNG, Selenium WebDriver, Mockito, REST Assured, Postman

EDUCATION

University of Missouri – Kansas City, Missouri

Aug 2023 – May 2025

Master of Science in Computer Science