VEERENDRA SABBINA

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PROFESSIONAL SUMMARY

Full Stack Developer with 4+ years experience in building scalable enterprise grade applications using Java Spring Boot. I design secure microservices and REST APIs with JWT/OAuth2, and optimize PostgreSQL and MongoDB performance through indexing, migrations, and query tuning. Beyond the backend, I build intuitive React and Angular frontends and automate deployments using Docker and CI/CD on AWS and Azure, ensuring the reliable delivery of high-performance software solutions.

PROFESSIONAL EXPERIENCE

Software Developer | Citadel, New York, United States   **Jan 2025 – Present**

- Designed and implemented Java Spring Boot microservices to modernize trading systems, breaking up legacy components and developing stable REST APIs with clear domain boundaries.
- Added batch and bulk REST endpoints with shared response models and centralized exception handling, simplifying integrations and reducing repeated client-side workaround code across teams.
- Secured microservices with Spring Security using JWT/OAuth2, implementing token validation, scope checks, and service-to-service access while isolating security from business logic.
- Created React.js admin screens over paginated REST APIs, using hooks, incremental fetching, and client caching to keep data-heavy views fast and responsive.
- Integrated PostgreSQL schema migrations and query tuning into CI/CD pipelines, reducing p95 latency by 18% while ensuring database changes deploy safely with application code.
- Containerized services with Docker, automated builds in GitHub Actions and Jenkins, then deployed to AWS ECS/EC2 using environment configs, rollouts, and CloudWatch monitoring.

Application Software Engineer | Accenture, Hyderabad, India   **Sep 2022 – Jul 2023**

- Engineered core Java Spring Boot microservices for enterprise workflows, defining versioned REST contracts and idempotent endpoints so multiple client apps integrated safely without breaking releases.
- Used MongoDB as the service datastore, shaping collections around access patterns and adding compound indexes to keep read-heavy endpoints consistently responsive.
- Configured Azure API Management for OAuth2/JWT, throttling, and request validation, reducing authentication failures 32% and keeping API behavior consistent across consumers.
- Developed dynamic Angular modules for internal operations, wiring RxJS streams and lazy-loaded routes to secured REST APIs for smooth, data-driven case workflows.
- Established robust Azure Data Factory ETL pipelines pulling MongoDB and API data into curated datasets, handling incremental loads, retries, and dependency sequencing nightly.
- Automated delivery through Azure DevOps pipelines, packaging microservices, promoting artifacts across environments and deploying to App Service/AKS with Key Vault configuration.

Junior Software Engineer | Persistent Systems, Hyderabad, India   **Feb 2020 – Aug 2022**

- Built the backend foundation for customer-facing features with Java Spring Boot, creating reusable service structures and standards that improved consistency and sped up new API delivery.
- Delivered Node.js and Express.js endpoints for supporting modules, adding middleware, async routing, and shared helpers that integrated smoothly with Spring Boot services.
- Built React.js components and end-to-end user flows with HTML/CSS/JS, consuming REST APIs with consistent state.
- Tuned PostgreSQL/MySQL for API workloads by improving schemas, joins, and indexes, boosting responsiveness 24%.
- Deployed Spring Boot services on AWS ECS/EC2, stored artifacts in S3, and used Lambda for automation, cutting deployment time 30% without disrupting releases.
- Ran Python regression suites and wrote JUnit/Mockito tests for Spring Boot services, reducing QA reported bugs 25% and keeping sprint releases stable.

SKILLS

Programming Languages: Java, Python, C, C++, JavaScript, TypeScript, SQL
Backend: Spring Boot, Spring MVC, Spring Security, Hibernate, JPA, RESTful APIs, Microservices, Node.js, Express.js, GraphQL
Frontend: React.js, Angular, HTML5, CSS3, Bootstrap, Tailwind CSS, Material UI
Databases: PostgreSQL, MySQL, Oracle, SQL Server, MongoDB, DynamoDB, Redis, Elasticsearch
Cloud & DevOps: AWS (EC2, S3, RDS, Lambda), Azure, Docker, Kubernetes, Jenkins, GitHub Actions, GitLab CI/CD, Terraform
Testing & Quality Assurance: JUnit, Mockito, TestNG, Selenium, Cypress, Postman, Regression Testing, API Testing
Security & Compliance: OAuth2, JWT, OWASP Standards, API Security, SAST/DAST Tools
Methodologies: Agile (Scrum, Sprint Planning), SDLC, Test-Driven Development (TDD), Secure Coding Practices

EDUCATION

University of Missouri – Kansas City, Missouri   *Aug 2023* – May 2025
Master of Science in Computer Science