**Sai Nikhil Gude**

**Java Developer**

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**Java Full Stack Developer | Spring Boot | Microservices | Angular | React | Kafka | AWS | SQL | HTML**

**PROFESSIONAL SUMMARY:**

* Java Developer with 5+ years of end-to-end development experience in building enterprise-grade web applications and microservices using **Java, Spring Boot, Angular**, and **Kafka**.
* Strong expertise in architecting **RESTful APIs**, implementing secure authentication using **OAuth2, JWT** and reactive programming with **Spring Web Flux**.
* Proven experience building and deploying containerized applications on **Kubernetes** with **CI/CD pipelines** using **Jenkins, GitHub Actions**, and **Docker**.
* Proficient in developing dynamic and responsive frontends using **Angular** and **React**, with strong experience in **component-based architecture, state management**, and **UI performance tuning**.
* Experienced in integrating distributed systems using **Kafka** for real-time event processing, and implementing monitoring/logging solutions with **ELK Stack, Prometheus**, and **Grafana**.
* Skilled in working with cloud platforms like **AWS (EC2, S3, Lambda, RDS)** and **Azure (App Services, Functions, Cosmos DB)** to develop, deploy, and scale cloud-native applications.
* Adept in **Agile/Scrum** environments with cross-functional team collaboration, issue tracking, and test-driven development using **JIRA, JUnit, Mockito, Selenium**, and **Spring Cloud Contract**.

**TECHNICAL SKILLS:**

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| **Languages** | Java, C, C++, SQL, JavaScript, TypeScript |
| **Backend**  | Spring Boot, Spring MVC, Spring Web Flux, Spring Security, JPA, Hibernate, Kafka, REST APIs |
| **Frontend** | Angular, ReactJS, HTML5, CSS3, Bootstrap, JSP, jQuery |
| **API Development & Tools** | Swagger, Postman, Spring Cloud Contract, OpenAPI, GraphQL |
| **Databases** | MySQL, MongoDB, DynamoDB, PostgreSQL, Oracle |
| **DevOps & CI/CD** | Jenkins, Git, GitHub, GitHub Actions, Docker, Kubernetes, Maven, Gradle, SonarQube |
| **Cloud Platforms** | AWS (EC2, S3, RDS, Lambda, SQS, IAM), Azure |
| **Testing & QA** | JUnit, Mockito, Selenium, JMeter, Jasmine, Karma |
| **Monitoring & Logging** | Splunk, ELK Stack, Prometheus, Grafana, Kibana |
| **Project Tools** | JIRA, Rally, Confluence |
| **Design Methodologies** | Agile, Scrum, Kanban, TDD, BDD |

**PROFESSIONAL EXPERIENCE**

**INFINICS INC,NC,USA**

**Role: Java Developer May 2024 – Present**

**Responsibilities:**

* Designed and developed scalable **REST APIs** using **Spring Boot** and **JPA**, integrating complex business logic for financial workflows.
* Built modular, high-performance UI components using **Angular 12+**, integrating **Bootstrap** and **Angular** **Material** for responsive design.
* Leveraged **Kafka** for asynchronous, event-driven communication between **microservices**, improving scalability and decoupling.
* Implemented **OAuth2** and **Spring Security** to secure REST endpoints, handling user authentication and authorization.
* Containerized applications using **Docker** and orchestrated deployments with **Kubernetes**, improving deployment efficiency.
* Integrated **Postman** and **Spring Cloud Contract** for API testing and validation across consumer-producer service layers.
* Used **GitHub** and **GitHub Actions** for source control and CI/CD automation, enabling faster, reliable deployments.
* Configured monitoring with **Prometheus** and **Grafana**, and integrated **ELK Stack** and **Splunk** for logging and alerting.
* Maintained unit and integration tests with **JUnit** and **Mockito**, ensuring more than 85% code coverage across critical modules.
* Collaborated in **Agile** teams using **JIRA** and **Confluence**, delivering quality features and fixes within sprint timelines.

**VINFO GLOBAL SOFTWARE TECHNOLOGIES PVT LTD, INDIA**

**Role: Software Engineer Jan 2018 – Feb 2022**

**Responsibilities:**

* Migrated a legacy monolithic system into modular **microservices** using **Spring Boot**, improving deployment speed and flexibility.
* Developed user-facing interfaces using **Angular 12** and **ReactJS**, optimized for cross-device performance and accessibility.
* Built secure APIs with **Spring Security** and **JWT**, supporting multi-role access control and **Single Sign-On (SSO)**.
* Used **Kafka** for real-time streaming and inter-service communication in distributed architectures.
* Documented APIs using **Swagger** and **OpenAPI**, streamlining developer onboarding and third-party integration.
* Automated builds and releases with **Jenkins**, **Maven**, and **Gradle**, establishing reliable **CI/CD** pipelines.
* Maintained code with **Git** and collaborated using **GitHub**, conducting peer code reviews during **Agile** sprints.
* Built test automation with **JUnit**, **Mockito**, and **Selenium**, and performed load testing using **JMeter**.
* Deployed microservices to **AWS (EC2, RDS, Lambda, S3)** and **Azure (App Services, Functions, Cosmos DB)**.
* Monitored logs and performance metrics using **ELK Stack, Azure Monitor,** and **Splunk** for proactive issue resolution.

**PROJECTS**

**Expense Tracker App — Angular, Node.js, MongoDB**

* Developed a personal finance tracking system allowing users to categorize expenses and generate reports.
* Implemented a scalable REST API with Node.js, Express and used MongoDB for real-time data storage.

 **Interactive Travel Platform— Angular, CSS, HTML**

* Developed a dynamic and responsive travel booking platform using Angular, TypeScript, HTML and CSS, enhancing user experience and engagement.
* Implemented an interactive search and filtering system with real-time updates.

**EDUCATION**

* Masters in Information Technology and Management from Webster University, MO(May’22 – April’24).