**Varsha Jampala**

**Java Full stack Developer**

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**Professional Summary**

**Java Full Stack Developer** with **over 2 years** of proven expertise in designing, developing, and deploying scalable, high-performance web applications. Adept in both front-end and back-end development, Experience in the developing professional web applications using HTML5, CSS3, JavaScript, reactjs, jQuery, Bootstrap, AJAX, JSON, XHTML, XML and Node.js leveraging Java, Spring Boot, Angular, and React to deliver robust enterprise solutions. Skilled in building microservices architectures, implementing RESTful APIs, and integrating modern DevOps practices including Docker, Jenkins, and cloud platforms like AWS and Azure. Strong background in database management, security implementation, automated testing, and continuous integration/delivery pipelines. Committed to writing clean, maintainable code and collaborating within Agile teams to drive project success and enhance system performance.

**Technical Skills**

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| **Languages** | Java, JavaScript, TypeScript, SQL |
| **Frameworks** | Spring Boot, Spring MVC, Spring Security, Angular, Hibernate |
| **Web Technologies** | HTML5, CSS3, Angular Material, Bootstrap, REST APIs |
| **Databases** | MySQL, PostgreSQL, Redis |
| **DevOps & Cloud** | Docker, Jenkins, AWS ECS, Fargate, S3, EC2, CloudWatch |
| **Testing** | JUnit 5, Mockito, Postman, REST Assured |
| **Tools & Platforms** | Git, GitHub, JIRA, Maven, Swagger, SonarQube, Kibana, Logstash, Elasticsearch |
| **Methodologies** | Agile Scrum, CI/CD, Microservices, TDD |

**Professional Experience**

**Client: Synovus**
**Duration:** Aug 2024 – Present
**Role:** Java Full Stack Developer

**Key Contributions**:

* Designed and implemented **RESTful APIs** using **Spring Boot** and **Spring MVC** to handle patient registration, appointment scheduling, and billing services.
* Developed automation scripting in **Python** to deploy and manage **Java 17** applications across Linux servers
* Integrated **Spring Data JPA** for efficient ORM with **MySQL**, ensuring optimized query execution and custom repository methods.
* Developed a modular front-end using **Angular 14**, leveraging **Reactive Forms** and **RxJS** for seamless real-time data updates.
* Develop UI component architecture for developer framework using Typescript, HTML5, CSS3 and Bootstrap
* Built reusable UI components and ensured mobile responsiveness using **Angular Material** and **Bootstrap**.
* Configured **Spring Security** with **JWT-based authentication and role-based authorization**, supporting both patients and admin access levels.
* Deployed microservices using **Docker** containers and managed the deployment lifecycle using **AWS ECS** and **Fargate**.
* Automated CI/CD pipelines with **Jenkins**, including unit testing, code analysis (via **SonarQube**), and automated deployment to staging environments.
* Set up **API documentation** using **Swagger/OpenAPI 3.0** to streamline backend-to-frontend communication and third-party integrations.
* Wrote **unit tests** and **integration tests** using **JUnit 5**, **Mockito**, and **Spring Test** for API endpoints and services.
* Implemented caching for high-demand endpoints using **Spring Cache** backed by **Redis** to improve performance under load.
* Configured **monitoring and centralized logging** using **ELK stack** – with alerts and dashboard visualizations in **Kibana**.
* Utilized **JIRA** for sprint planning, story tracking, and daily Agile ceremonies in collaboration with cross-functional teams.

**Environment:** Java 17, Spring Boot, Spring MVC, Spring Security, Angular 14, Hibernate, MySQL, Redis, Docker, AWS ECS, AWS Fargate, Jenkins, JUnit 5, Mockito, Postman, REST Assured, Swagger, ELK Stack, CloudWatch, Git, JIRA

**ADP Technologies**
**Duration**: May 2022 – June 2023
**Role**: Java Full Stack Developer

**Key Contributions**:

* Developed core backend modules for **Product Catalog**, **Order Management**, and **Inventory Services** using **Spring Boot** and **Spring Cloud**.
* Designed and implemented **event-driven microservices** architecture using **Apache Kafka** for real-time order status and inventory updates.
* Developed Project Specific Java API's for the new requirements with the Effective usage of Data Structures, Algorithms, and **Core Java**, **OOPS concepts**.
* Built scalable **RESTful services** that handled concurrent requests per minute with load balancing and stateless design.
* Engineered front-end modules in **React.js**, integrating **Redux** for global state management and asynchronous data flows.
* Designed REST APIs consumed by web and mobile clients, documented with **Swagger UI** for smooth frontend-backend integration.
* Utilized **MongoDB** for flexible, schema-less product details storage and **PostgreSQL** for transactional data like orders and payments.
* Implemented **OAuth2-based authentication** via **Keycloak** and integrated **SSO** for users and admin panels.
* Containerized the application using **Docker Compose** and ran isolated development environments for QA and UAT testing.
* Managed cloud infrastructure on **Microsoft Azure**, leveraging **App Services**, **Blob Storage**, and **Application Gateway**.
* Wrote test cases using **TestNG** and **RestAssured** for API validation and performed **load testing** with **Apache JMeter**.
* Followed **Agile methodology** with 2-week sprints, daily standups, and regular demos to stakeholders using **JIRA** and **Confluence**.

**Environment:** Java 17, Spring Boot, Spring Cloud, React.js, Redux, MongoDB, PostgreSQL, Apache Kafka, OAuth2, Docker Compose, Microsoft Azure, TestNG, RestAssured, Apache JMeter, Swagger, JIRA