Sruthi B
Full Stack Developer

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PROFESSIONAL SUMMARY

Experienced **Java Full Stack Developer** with over 6+ years of expertise in designing, developing, and deploying scalable enterprise applications. Skilled in **Java 8/11**, **Spring Framework**, **AWS**, **Restful API**, and **Microservices Architecture**. Proficient in implementing Agile methodologies, CI/CD pipelines, and containerized deployments with **Docker** and **Kubernetes**. Adept at integrating front-end technologies such as **React**, and **Node.js** with robust back-end services.

TECHNICAL SKILLS:

Programming Languages	Java 1.8/8/11, Java Script
Frameworks	Spring Boot, Spring Data JPA, Spring Cloud, Spring Web Flux and Spring Security, Spring Kafka, Spring Batch and Express JS with NodeJS
API's	Restful web services, Soap web Services, Graph QL and Web Socket
Messaging Platforms	Kafka, RabbitMQ and IBM MQ/Active MQ
Front End Technologies	HTML, CSS, JavaScript and React
Relational Databases	Postgres, Oracle, MongoDB and Dynamo DB
Cloud Providers	AWS (EC2, SQS, SNS, RDS, Cloud Watch, Route 53, Lambda, IAM, ECS), PCF/CF (Cloud Foundry)
Containers	Docker and Kubernetes
Testing Tools	Junit 5, Mockito, Selenium Web Driver and Spring Boot Integration Testing
CI/CD Tools	Jenkins, Maven, Gradle
Version Control	Git, SVN
Application Servers	Apache Tomcat, WebLogic, JBoss, and IBM WebSphere.

Professional Experience:

Associate Consultant
Capgemini   **Mar 2022 to Sept 2023**
Responsibilities:
- Designed and implemented Microservices Architecture using **Spring Boot** and **RESTful APIs** for seamless integration
- Developed scalable backend services with **Node.js**, implementing **OAuth 2.0** for user authentication.
- Configured and optimized **AWS services** (EC2, S3, RDS) for backend deployment and data storage.
- Leveraged **React** and **Reactive Forms** for dynamic, component-driven UI design.
- Automated CI/CD pipelines using **Jenkins** and containerized deployments with **Docker** and **Kubernetes**.
- Migrated messaging systems from **IBM MQ** to **Apache Kafka**, reducing system coupling.
- Improved database performance using **HikariCP** connection pool and optimized MongoDB queries.

Environment: Java 11, Spring Boot, AWS, React, MongoDB, Docker, Kafka, Jenkins, PostgreSQL, Swagger

Java Developer
Sysintelli Inc   **Dec 2019 to Mar 2020**
Responsibilities:
- Developed an end-to-end solution for appointment scheduling and billing, incorporating EMR for physicians using Spring Boot and **Microservice** architecture.
- Built RESTful APIs and backend services with **Spring Boot**, adhering to SOA principles.
- Developed interactive UIs using **React.js** and managed state using **Redux**.
- Integrated **DynamoDB** for NoSQL storage and implemented migration strategies from traditional RDBMS.
- Deployed containerized applications with **Docker** on **Kubernetes**, ensuring scalability.
- Created reusable frontend components with **React.js**, improving development efficiency.
- Streamlined CI/CD processes with **Jenkins** and enhanced system monitoring using **Prometheus**.

Environment: Java, Spring Boot, Spring Cloud, MongoDB, Spring Security, Spring Data JPA, React JS, HTML, CSS3, Redux, Express JS, jQuery, JavaScript, Node JS, Bootstrap, REST API, DynamoDB Load Balancer, REST administrations, Docker, Mocha, Jasmine, Karma, Gulp, SSO Authentication, Kubernetes, Selenium, Maven, and Jenkins. GIT, Jenkins.

Software Developer Associate
Infor Global Solutions   **Oct 2016 to Apr 2018**
Responsibilities:
- Implemented design patterns like Singleton, Factory, and DAO for scalable solutions.
- Developed web applications using **Spring Boot**, **React.js**, and **Hibernate**.
- Created RESTful APIs for seamless data exchange and frontend-backend integration.
- Configured and maintained **MongoDB** databases, optimizing query performance.
- Collaborated with cross-functional teams to resolve performance issues and optimize applications.
Environment: Java, JSP, Servlet, EJB, ReactJs, MongoDB**,** Spring boot, Spring, JavaScript, MongoDB, Hibernate, Multithreading, Query, Struts, Design Patterns, HTML, CSS, JMS, XML, Eclipse, Apache, Oracle ECM, Java, Struts

Software Engineer
Progen Business Solutions   **Mar 2014 to Sep 2016**
Responsibilities:
- Developed enterprise-level applications using the **Struts Framework** based on the MVC design pattern, integrating with JDBC for data handling.
- Built and deployed web services using **SOAP** and tested with a web service toolkit.
- Created front-end user interfaces using **HTML**, **JSP**, **jQuery**, and **JavaScript**, ensuring a seamless user experience.
- Developed **RESTful APIs** to enable communication between front-end and back-end systems.
- Performed SQL query performance tuning and data modeling for platforms like **MySQL**, **SQL Server**, and **Oracle**.
- Contributed to Agile project planning and execution using tools like **Jira**.
- Collaborated with cross-functional teams to resolve performance issues and optimize applications.
Environment: Java, JSP, Servlet, JavaScript, Multithreading, Query, Struts, Design Patterns, HTML, CSS, Eclipse, Apache, Oracle, Struts, RESTful APIs, Jquery,JSP

Projects:

Employee Management System (EMS)
Conestoga College - 3rd Semester
A full-stack application to manage employee data with features like dynamic filtering and role-based access.

- Developed and integrated core components for employee data management and retirement filtering.
- Implemented dynamic routing and CRUD operations with **ReactJS** and **Node.js,** ensuring efficient data handling.

- Designed a responsive, user-friendly UI using ReactJS and **Material UI**, integrating secure, role-based access to sensitive employee data.
- Built a scalable backend with Node.js, **Express.js**, **GraphQL**, and **MongoDB**, enabling smooth data interaction and validation.

Environment: ReactJS, Node.js, Express.js, MongoDB, GraphQL, Apollo Server, Material UI, JWT (role-based access control), Git, GitHub, Postman, Visual Studio Code.

Quick-Swift | Logistics & E-commerce Delivery Solution
Conestoga College - 4rd Semester
A solution aimed at improving the efficiency and predictability of same-day deliveries in urban areas.

- Built with MongoDB, **React**, Node.js, and **GraphQL** for seamless front-end and back-end integration.
- Implemented **WebSocket** for real-time delivery updates, improving user engagement and tracking accuracy.
- Utilized Firebase for efficient storage of delivery-related images and **PayPal** for secure payment processing.
- Focused on user experience, addressing market gaps through research for a streamlined, high-quality delivery solution.
- Utilized **Firebase** for efficient storage of delivery-related images, enabling fast access and scalability.

Environment: React, Node.js, Express.js, MongoDB, GraphQL, Apollo Server, WebSocket, Firebase (image storage), PayPal, Material UI, Git, GitHub, Postman, Visual Studio Code.

Drive Test Management System
Conestoga College - 2rd Semester
A kiosk application to streamline the drive test process, allowing users to manage personal details, book appointments, and access G and G2 test information.

- Developed a dynamic, user-friendly interface using **EJS** and integrated secure authentication.
- Utilized **MongoDB** for efficient data storage and retrieval of user and test-related information.
- Implemented an admin module to manage appointments and test schedules, improving efficiency.

Environment: Node.js, Express.js, MongoDB, EJS, JavaScript (ES6+), Git, GitHub, Visual Studio Code.

Education: Post Graduate Diploma(Web Development) in **Conestoga College Kitchener** – **Dec 2024**