Sai Kumar

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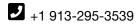
Professional Summary

Full Stack **Java** Developer with **2+** years of experience in Spring Boot and React.js, skilled in scalable web applications and **DSA**. Proficient in using Generative AI tools like **GitHub Copilot** and integrating **LLM's** to enhance backend API's.

Skills

- **Languages:** Java, HTML5, CSS3, JavaScript, SQL, GraphQL
- **Frameworks:** Spring(IOC, MVC, Hibernate, JPA, AOP) , Spring Boot, NodeJs, ReactJs
- **Tools:** Git, GitHub, STS4, Splunk, Swagger, JUnit, Postman, Jenkins, Docker, Kafka, PCF, DevOps, AWS, Maven, Redux, Microservices, MongoDB, Jira, REST API, PostgreSQL, Jest, Mocha, JProfiler.

Experience

Mike Keith Insurance   **Dallas, US**
Software Engineer   *Jan 2025 - Present*

- Developed RESTful APIs using **Spring MVC** and Spring Boot, leveraging Spring Cloud design patterns (Circuit Breaker, API Gateway, Service Discovery) to build resilient and scalable microservices.
- Implemented IAM with **Keycloak** to secure applications, leveraging OpenID Connect (OIDC)—built on OAuth 2.0—for API authentication using JWT .
- Designed and optimized relational schemas using **PostgreSQL** and **MySQL** across different microservices, ensuring efficient data storage, high availability, and improved query performance.
- Implemented **Kafka**-based asynchronous messaging to integrate the Order Service with the Notification Service
- Built responsive **ReactJs** components with ES6+ and Jest tests, improving frontend performance and boosting user interaction speed by 30%.

IndiaMart   **Noida, UP**
Software Developer   *Jan 2022 - Apr 2023*

- Developed **RESTFul** microservice APIs using Java Spring Boot, boosting data processing efficiency by 40%.
- Developed security and automation scripts using **Python** and **Spark** to monitor and validate the Event Notifications.
- Optimized database interactions with native **SQL** queries, enhancing query performance.
- Integrated **SonarQube** into Jenkins pipelines for automated code quality analysis, ensuring adherence to coding standards, reducing technical debt, and improving overall maintainability of Spring Boot microservices.

Hexaware Technologies   **Hyderabad, TG**
Software Developer co-op   *Jan 2021 - Nov 2021*

- Built and optimized React UI for application and implemented **Cypress E2E** tests, reducing production bugs by 30%.
- Worked on **JavaEE** platform using **Servlets, JSP, EJBs**, developing enterprise solutions, handling server-side logic.
- Achieved 80% code coverage with unit tests and integration tests using **JUnit, Mockito** and **Test Containers**.
- Applied agile principles and worked in sprints to meet delivery timelines with quality.

Projects

Intelligent Financial Document Analyzer (Spring AI, RAG) (*Link*)

- Built a Java RAG application to analyze financial documents using **Spring AI** and PG Vector, creating REST APIs to generate AI-powered insights while optimizing token and context window usage.

Movie-ticket Booking (*Link*)

- Created a full-stack Movie Ticket Booking website using Java Spring Boot, **React** ,TypeScript and **MongoDb** , achieving a 30% performance boost through optimized queries. Enhanced security with **Spring Security** and JWT.

Bash Script to Retrieve the List of resources in the AWS Account (Link)

- Automated AWS resource inventory collection using a Bash script that lists services like EC2, S3, RDS, Lambda etc

Education

University of Central Missouri, MO, USA - *Master's in Computer Science*   Dec 2024
Indian Institute Of Information Technology - *Bachelor's in Technology(B.Tech) in CSE*   Apr 2022