

Sai Kumar Kaipelly
Java Full Stack Developer

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SUMMARY

- 4+ years of experience as a Java Full Stack Developer with expertise in various technologies throughout the development lifecycle, including **Java**, **Spring Framework**, **front-end** technologies like **React**, **Angular**.
- Expert in crafting web solutions using tech stack including Java, **JavaScript frameworks** (**React.js**), **backend frameworks** (**Spring Boot**, **Spring MVC**), and **DevOps** tools to cater to unique client requirements.
- Proficient in various Spring modules like **Spring Boot**, **Spring ORM**, **Spring JPA**, and **Spring Integration**, facilitating rapid development and integration of enterprise applications.
- Leveraging **AWS EKS** to deploy and manage containerized applications using **Docker** and **Kubernetes**, demonstrating expertise in containerization technologies and cloud-based orchestration.

WORK EXPERIENCE

PNC Financial Services, MO | Java Full Stack Developer

Jul 2024 – Present

- Leveraged **React's** caching mechanisms to optimize data fetching for frequently accessed data from Java APIs, resulting in a 25% decrease in average page load time.
- Streamlined development process by leveraging **Spring Boot's** autoconfiguration, leading to a 20% reduction in development time compared to traditional Spring configuration.
- Integrated **OAuth 2.0** for secure user authentication, granting access tokens and refreshing them for extended sessions, protecting sensitive data.
- Implemented robust security measures using **AWS IAM**, **VPC**, and **CloudTrail**, ensuring compliance with industry standards and enhancing overall system security posture.
- Championed the adoption of **GraphQL** to streamline data fetching, granting clients precise control over requested data, leading to a 10% reduction in payload size and a more performant user experience.

Zensar Technologies, India | Java Full Stack Developer

Jun 2021 – Jun 2023

- Improved code reusability by 40% by implementing **Angular's** modular approach with services and components, promoting easier maintenance and reduced development time.
- Industrialized backend services using the latest **Java 11** features, with a focus on **Spring Boot** and **Spring MVC** frameworks, and **UI** components with backend systems, ensuring seamless user experiences.
- Applied a **GraphQL API** server using the **graphql-http** library to streamline data retrieval from **MongoDB**, resulting in data transfer efficiency between client and server.
- Enhanced code maintainability and testability by mocking dependencies with **Mockito** in various Java services, leading to a 40% reduction in time spent on integration testing.
- Developed **CI/CD pipelines** with **AWS CodePipeline** and **CodeDeploy**, improving deployment frequency by 40% and reducing lead time for changes.

Fusion Software Technologies, India | Java Full Stack Developer

Jan 2020 – May 2021

- Collaborated closely with designers to implement a visually stunning and dynamic user experience by leveraging **Angular's** data binding and component communication mechanisms.
- Designed and built **microservices** to support scalable and modular application architecture and utilized **Angular** for frontend development, creating interactive and user-friendly interfaces.
- Employed comprehensive unit and integration tests using **Java Spring Boot** (JUnit), automating **backend API** calls to enhance product reliability and reduce testing redundancy by 40%.
- Executed containerized applications on **AWS EKS**, achieving a 20% reduction in deployment times and optimizing resource utilization through scaling policies.
- Achieved outstanding KPIs, with **Backend API** Development accounting for 70% and Frontend development contributing 30% to project success.

SKILLS

Methodologies & Languages: Java, C++, Python, SDLC, Agile/Scrum, , JavaScript, SQL, TypeScript, Waterfall, TDD

Frameworks/Libraries: Spring REST, Spring Cloud, Spring Security, Spring Data JPA, Spring Boot, Spring MVC, REST API, React.js, Node.JS, Express.JS, Next.JS, Angular.js, Django, Hibernate, OAuth 2.0

Web Technologies: HTML5, CSS3, Bootstrap5, jQuery, Ajax, JSON, XML, Redux, UI Frameworks

Cloud: AWS (EC2, SQS, SNS, Code Deploy, CloudWatch, API Gateway)

Testing & Tools: Git, GitHub, GraphQL, Maven, Jenkins, Docker, Kubernetes, Grafana, Ansible, RabbitMQ, Kafka, Postman, Jira, Junit, React Testing Libraries, Mockito

Database: MySQL, PostgreSQL, MongoDB, Neo4j, Firebase, Cassandra, Oracle, OpenEdge

EDUCATION

Master of Computer Science

University of Central Missouri, Warrensburg, Missouri