

SAI SREENIVAS REDDY KARRA

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[LinkedIn](#) • [Github](#) • [Portfolio](#)



FULL STACK DEVELOPER

- AWS Certified Cloud Developer with a Master's degree in Computer Science and a strong passion for continuous learning.
- Dynamic Full-Stack Developer with 4+ years of experience in large-scale Agile software implementations.
- Designed and implemented full-stack solutions with Java, Spring Boot, React/Redux, Vue.js, and Node.js to create scalable and responsive web applications.
- Used Test-Driven Development (TDD) to ensure robust code and reliable features from the start.
- Designed and managed databases for integrity and scalability using SQL, DB2, DynamoDB, PostgreSQL, and MongoDB.
- Created scalable RESTful APIs for smooth front-end and back-end integration, handling high traffic and boosting performance.
- Created Jenkins CI/CD pipelines to automate testing, deployment, enhancing build consistency and speed up release cycles.
- Automated testing processes using tools like Selenium, improving test coverage and reducing manual testing time.
- Skilled in using Git for version control, managing code repositories, and implementing branching strategies and code review to ensure high-quality code and team collaboration.
- Proven leader and team player with strong communication, problem-solving, and analytical skills, committed to delivering effective solutions and continuous learning.

SKILLS AND TECHNOLOGIES

Programming Languages: Java, Python, SQL/ PL SQL, JavaScript/Typescript, PHP, XML, JSON, HTML5/CSS3.

Libraries/Frameworks: J2EE, Spring, Hibernate, Servlets, JSP, Apache Kafka, React, React Native, Redux, Vue.js, node.js, Express.js.

Services: Microservices, Rest APIs, Web Services, SOAP.

Databases: Oracle, SQL, DB2, DynamoDB, PostgreSQL, MongoDB.

Cloud Technologies : AWS - EC2, lambda, API Gateway, SNS, SQS, S3, RDS, Elastic Search, Cloud Watch, Event bridge, EFS, EBS, EKS, ECS, Docker, Kubernetes.

Unit Testing : Selenium, Junit, Jest, Cypress.

Other Tools: Eclipse, VS Code, NetBeans, Maven, Webpack, CI/CD tools - Jenkins, Figma, Git, Jira.

EDUCATION AND CERTIFICATIONS

- [AWS Certified Cloud Developer Associate](#), Issued on: 06/26/2024.
- **Master's Degree: Computer Science**, Saint Louis University, Jan 2022 - Dec 2023.
- **Bachelor's Degree: Computer Science and Engineering**, KITS Warangal, India, Aug 2016 - Sept 2020.

PROFESSIONAL EXPERIENCE

Full-Stack Developer | IMetaVerse Inc | Irvine, CA

01/2023 – Current

- Developed and maintained RESTful APIs using Java, Spring Boot, and Node.js for back-end services.
- Designed and implemented React.js front-end components, enhancing user interfaces and reducing page load times by 20%.
- Leveraged AWS services such as Lambda, EC2, S3, and ECS to improve cloud infrastructure, reducing downtime and improving system resilience by 15%.
- Integrated SQL (PostgreSQL) and NoSQL (MongoDB) databases to store and manage application data, improving data retrieval times by 25%.
- Streamlined CI/CD pipelines using Jenkins and Git, reducing deployment time by 30% and ensuring smooth release cycles.
- Collaborated in an Agile environment, participating in sprint planning and daily standups, resulting in consistent delivery of high-quality features on schedule.

Software Developer | Wipro | India

11/2020 – 12/2021

- Developed scalable backend services using Java, Spring Boot, and Node.js to support application functionality and performance.
- Developed modular React.js components and integrated Redux for efficient state management, improving overall UI performance.
- Integrated Node.js with AWS Lambda and S3 for efficient data processing and cloud storage.
- Developed efficient MySQL and MongoDB database architectures to enhance query performance.
- Implemented CI/CD pipelines with Jenkins, Git, and Selenium to automate testing and deployment processes.
- Collaborated with cross-functional teams in an Agile environment to deliver project goals efficiently.

Software Engineering Intern | Vaagdevi Group of Institutions | India

04/2020-10/2020

- Developed backend services with Java, Spring Boot, and Node.js to streamline development cycles and boost application performance.
- Managed MySQL and MongoDB databases for efficient data handling and storage, streamlining data management processes.
- Deployed applications on AWS EC2 and utilized S3 for secure data storage, enhancing system reliability.
- Contributed to CI/CD pipelines with Git and Jenkins to automate build and deployment processes, improving team efficiency.