

SAI SREENIVAS REDDY KARRA

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FULL STACK DEVELOPER

- Dynamic Java Full-Stack Developer with 1+ years of hands-on experience in Agile methodologies and the Software Development Life Cycle (SDLC). Proficient in Java, React, and Spring Boot.
- Proven track record in developing scalable microservices and RESTful APIs, and skilled in optimizing SQL/PL SQL queries for enhanced performance.
- Expert in user interface development with React JS, adept at debugging, collaboration, and delivering high-quality solutions.
- AWS Certified Cloud Developer with a Master's degree in Computer Science and a strong passion for continuous learning.

SKILLS AND TECHNOLOGY

Programming Languages: Java, Python, C#, SQL/ PL SQL, HTML, CSS, JavaScript, PHP.

Libraries/Frameworks: J2EE, Spring, Hibernate, Microservices, Rest APIs, Web Services, Servlets, JSP, React.

Tools & Databases: Eclipse, VS Code, NetBeans, Maven, Git, Jira, AWS, Oracle SQL, DB2, CI/CD tools.

Professional Skills: Debugging, Troubleshooting, Coding, Leadership, Teamwork, Problem-Solving, Collaboration. Communication, Solution-Oriented, Strong Desire to Learn, Curiosity, Mentoring, Analytical Skills.

EDUCATION AND CERTIFICATIONS

[AWS Certified Cloud Developer Associate](#), Amazon, Issued on: 06/26/2024

Master's Degree: Computer Science, Saint Louis University, 12/2023, GPA 3.97/4.0

Bachelor's Degree: Computer Science and Engineering, Kakatiya Institute of Technology and Science, India, 09/2020

PROFESSIONAL EXPERIENCE

Java Full-Stack Developer | Wipro

10/2020 – 12/2021

- Developed and deployed a microservices-based web application using Java, Spring Boot, and React JS, resulting in a 40% improvement in system scalability and a 30% reduction in page load times.
- Implemented RESTful APIs and web services to facilitate seamless communication between frontend and backend systems, enhancing overall system performance and user experience.
- Utilized object-oriented programming principles to design and implement data structures and algorithms for optimizing database operations in SQL/PL SQL, resulting in a 20% increase in query performance.
- Ensured smooth integration between frontend and backend components to provide a cohesive user experience.
- Collaborated with cross-functional teams using Agile development strategies and Jira for project management.

Software Developer Intern | Wipro

04/2020 – 10/2020

- Assisted in developing Java-based applications, contributing to a 15% increase in feature deployment efficiency by writing and optimizing code for backend functionalities.
- Implemented user interfaces using React JS, enhancing the usability and visual appeal of internal tools, which led to a 20% improvement in user satisfaction.
- Participated in debugging and troubleshooting application issues, utilizing tools like Eclipse and Git, which reduced bug resolution time by 30% and improved overall application stability.
- Contributed to database management tasks, including writing and optimizing SQL queries, resulting in a 10% improvement in data retrieval performance and supporting efficient data handling.
- Collaborated closely with cross-functional teams and peers on project tasks, facilitating effective communication and knowledge sharing.

PROJECTS

Portfolio Website (SPA): This SPA portfolio website includes a Home Page, About Page, Projects Page, and Resume Page, all crafted with React JS, HTML and CSS for a sleek, responsive design. (**TechStack Used** - React JS, HTML, CSS).

MNIST Digit Classifier: Developed and trained various machine learning models, including deep neural networks and decision trees, to classify handwritten digits. Designed a React frontend and Python backend using Flask Web Services Framework. (**TechStack Used** - Python, Flask, React, numpy, pandas, pickle, sklearn, keras).

Drone Plane Remote iOS Application: Built an iOS app with React Native to control drones and designed a Flask backend to handle commands and communication. (**TechStack Used** - Python, Flask WebService Framework, Dronekit library).

Model Restaurant Landing Page: Designed a responsive landing webpage for a model restaurant called Little Lemon using HTML and CSS. Employed semantic structure for the web page layout. (**TechStack Used** - HTML, CSS).