KEERTHANA MAHALAKSHMI SRINIVASULU
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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience in Web Application development, cloud technologies, and software project execution. Adept at managing and implementing multiple concurrent technology initiatives, ensuring on-time and within-scope delivery. Skilled in leading cross-functional teams and mentoring team members in a distributed team environment, while resolving conflicts in fast-paced environments. Strong analytical, interpersonal, problem-solving, time management, and communication skills. Passionate about continuous learning and coding practice, committed to compliance with industry standards, and focused on planning effective solutions.

EDUCATION

- Dalhousie University, Halifax, Nova Scotia, Canada
  Master of Engineering - Internetworking, May 2024

- Anna University, Chennai, TN, India
  Bachelor of Technology – Information Technology, April 2020

TECHNICAL SKILLS

- Frontend: React.js, Redux, Angular, HTML, CSS, JavaScript
- Backend: Java, Python, Node.js.
- Tools: Figma, Visual Studio Code, Jira, Confluence, AEM
- Version Control: Git, GitHub.
- DevOps & CI/CD: Docker, Jenkins
- API Testing: Postman
- Database: Oracle, MySQL
- Cloud Platforms: Microsoft Azure
- Operating System: Unix/Linux, Windows.
- Office Software: MS Office, Word, Excel, PowerPoint, SharePoint, and Outlook.
- Skills: Code Development, Testing and Debugging Code, Web Development, Technical Documentation, Requirement analysis, RESTful Architecture, CI/CD pipeline automation, PowerShell, Bash Shell scripting, Automated Testing, Configuration Management, Software Lifecycle, Agile Development Methodologies.

WORK EXPERIENCE

RAMP GROUP
Software Engineer Intern   **Dec 2024 - Current**

- Developed and implemented efficient data structures and algorithms that improved data retrieval speed by 30%, enhancing overall system performance.
- Worked closely with business stakeholders to understand business requirements and translate them into technical solutions.
- Conducted detailed code reviews, provided constructive feedback, and ensured best coding practices were followed.
- Automated repetitive tasks and optimized technological processes to improve operational efficiency.
- Provided production support, including debugging, troubleshooting, and root cause analysis to maintain system stability.

OUTLIER
AI code Validator   **Nov 2024 - Current**

- Evaluating and validating AI-generated coding responses to ensure accuracy, efficiency, and best practices.
- Providing detailed feedback to enhance the performance of LLMs.
- Identifying and correcting logical errors, inefficiencies, and security vulnerabilities in AI-generated code.

- Testing and optimizing code snippets across multiple programming languages and frameworks.
- Contributing to the advancement of AI-driven software development by refining model-generated solutions.

ISWAD
Front End Developer   **May 2024 - Nov 2024**

- Utilized React to develop and design responsive user interface, improving user engagement by 20%.
- Designed and implemented web interfaces using responsive web design principles, ensuring compatibility across devices.
- Worked closely with UX/UI designers to translate their designs into functional web applications.
- Customized webpage layout in mobile portrait mode for different phone models, increasing mobile user engagement.
- Collaborated with DevOps teams to design scalable and cost-effective cloud solutions for web-based systems and applications.
- Engaged in Test Planning and automated testing to ensure high-quality deliverables.

Mphasis Pvt Ltd, Chennai, India
Associate Software Engineer   **March 2021 - July 2022**

- Worked on modernization of web applications for AIG, enhancing functionality and user experience across consumer portal and Connext applications.
- Played a key role in AIG's cloud and digital transformation project and worked on key functionalities in the public-facing application.
- Developed a user-friendly web application for AIG utilizing developer tools for better coding and efficient workflow.
- Worked on the creation and implementation of components and AIG custom controls, as well as documentation of the UI controls using React Storybook.
- Collaborated closely with the QA team to identify and rectify software defects in the production environment.
- Developed comprehensive test cases using Enzyme and Jest for unit testing, resulting in a 20% reduction in production bugs.
- Managed Agile project tasks using Jira, focusing on providing 95% on-time feature delivery.
- Developed and maintained dynamic, responsive web pages using Adobe Experience Manager (AEM), integrating custom components, templates, and client libraries to deliver high-quality user experiences.
- Successfully developed and executed test cases for a critical module, achieving a 95% code coverage and significantly enhancing the reliability of the application.
- Worked closely with the API development team and worked on API wire-up in the front end, following the best practices and ensuring coding standards were followed.
- Participated in weekly code review meetings and design round table conferences with Technical Leads to design solutions by preparing high-level and low-level design artifacts, breaking implementation plans into smaller, manageable deliverables, and aligning them with project timelines.

Mammal Digital
UI Designer   **Aug 2020 - Feb 2021**

- Designed engaging and responsive web interfaces using Figma, ensuring alignment with brand guidelines and user-centric design principles.
- Conducted Team review meetings for regular updates and sent status updates to the Manager showcasing good teamwork.
- Assisted in creating wireframes, prototypes, and user flows to streamline development and enhance the user experience.
- Developed and optimized web components for enhanced performance and accessibility across devices.
- Collaborated with marketing teams to implement SEO optimization techniques, improving website visibility, performance, and search engine rankings.