

CHAITANYA MADIPALLY

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PROFESSIONAL SUMMARY

- Focused professional with over 5 years of experience in application development with a strong understanding of software development best practices, design patterns, and architectural principles.
- Proficient in user experience design, software testing, and best practice implementation using JavaScript, ReactJS, HTML, CSS and Java.
- Skilled in developing and directing software system testing and validation procedures, programming, and documentation.
- Proven expertise in performance optimization of applications, leading development teams, and working with cross-functional teams.
- Recognized for delivering high-quality solutions using Agile methodologies.

PROFESSIONAL EXPERIENCE

Ericsson (Tata Consultancy Services) - Hyderabad, India

Software Engineer (JavaScript, React.js, Node.js, Java, HTML5, CSS3, AWS)

July 2020 - August 2022

At Ericsson, I contributed to developing an internal web application for reporting and analyzing network device information in the ENM (Ericsson Network Manager) project. This application played a crucial role in managing network devices and facilitated events such as service improvements, traffic monitoring, and equipment replacement/upgrades.

- Developed user-friendly interfaces for network configuration tools, reducing UI issues by 30% as tracked by bug reports and user feedback.
- Designed RESTful APIs using Node.js and Javascript to ensure seamless integration with front-end components, enhancing data flow.
- Led the design and development of innovative software features for the ENM project, significantly enhancing network performance diagnostics and improving overall operational efficiency, contributing to a substantial reduction in network downtime and operational costs.
- Designed intuitive navigation structures for network management systems through UI development, reducing navigation complexity by 25%.
- Utilized npm/yarn for managing third-party packages in both React and Node.js projects, streamlining development processes.
- Implemented secure coding practices and integrated tools like SonarQube which helped to detect and prevent vulnerabilities.
- Conducted code reviews and provided constructive feedback to team members, fostering a culture of continuous improvement and learning, which increased code quality and team productivity by 17%.
- Integrated AWS services with GitLab CI/CD pipelines to streamline continuous integration and delivery processes, improving deployment speed and reducing errors for application updates and releases.

Associate Software Engineer (JavaScript, HTML5, CSS3, Java, Jenkins)

July 2017 - June 2020

- Developed comprehensive user interfaces and back-end APIs using JavaScript and Java to ensure seamless data flow and interactions.
- Delivered customer-focused software solutions that addressed client requirements, improved network efficiencies, and enhanced operational KPIs through comprehensive testing, validation, and deployment.
- Optimized performance applications for Mini-Link Indoor network elements in ENM using Java, automating critical tasks and streamlining network management processes, boosting operational efficiency and productivity by 30%.
- Implemented responsive design techniques using CSS media queries, ensuring seamless user-experience across various devices and screen sizes.
- Addressed critical issues such as Daylight Saving Time (DST) adjustments and managed software updates to ensure continuous reliability.
- Improved application performance using lazy loading and AOT compilation, decreasing page load times by 25%.
- Utilized Visual Studio Code in cloud-based IDE environments to streamline front-end and back-end development, enabling real-time collaboration with global teams in the development of network monitoring tools for telecommunications.
- Worked extensively with system analysts, engineers, programmers, and stakeholders to develop system specifications, performance requirements, and user-centered design solutions, ensuring seamless communication and alignment with business goals.
- Resolved high priority bugs identified during performance and load testing of the developed product within a tight timeline reducing post-release issues by 25% compared to previous releases.
- Mentored junior developers, conducted code reviews, and provided feedback to promote a culture of continuous improvement and learning, which increased code quality and team productivity by 17%.
- Developed detailed documentation, including user manuals and technical specifications, to facilitate quick troubleshooting during updates.
- Demonstrated leadership in Agile environments by contributing to sprint planning, retrospectives, and project strategy.

TECHNICAL SKILLS

- Operating Systems : Windows, Linux, MacOS
- Development: JavaScript, ReactJS, NodeJS, HTML5, CSS3, Java, Python, AJAX, jQuery, npm/yarn
- Databases & Cloud : MySQL, MSSQL, AWS Cloud 9, AWS Lambda
- Version Control Tools: Git, GitHub, GitLab CI/CD
- Code Analysis: SonarQube, Snyk, Gerrit, ELK Stack
- Tools: Eclipse, VS Code (with Cloud IDEs), Sublime Text, Postman/Insomnia, JIRA, Confluence, Jenkins, Docker, Kubernetes, Nexus

EDUCATION

Gokaraju Rangaraju Institute of Engineering and Technology

September 2013 - May 2017

Bachelor of Technology in Electronics and Communication Engineering(78%) - Hyderabad, India

AWARDS & HONORS

Customer Appreciation Certificate, Ericsson - Received for exceptional service and contributions to customer satisfaction - June 2022

'On the Spot' Award, TCS - Awarded for excellence in bug detection during functional, performance, and security testing, significantly reducing post-release issues - May 2021

'Star of the Month' Award, TCS - Recognized for successfully leading and delivering the entire main requirement (MR) from comprehensive requirements analysis to final implementation and delivery - June 2021