

MOHAMMAD SYED

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SUMMARY

Overall, five years of career experience, three years of experience in React.JS, JavaScript, and Node.JS. Crafted user-friendly interfaces and enhanced performance in high-traffic applications. Skilled in translating business objectives into technical solutions, optimizing front-end performance, and collaborating in agile teams to meet project goals

WORK EXPERIENCE

Software Engineer, Ignitarium Technology Solutions

Aug 2022 – Jun 2024

Project: TYQ-i – Real-Time Defect Detection System (Jan 2023 – Jun 2024)

- Developed TYQ-i, a React.js web app for real-time defect detection, improving efficiency.
- Implemented comprehensive unit testing for JavaScript functions with Jasmine, achieving
- 80% test coverage and reducing production bugs by 90%
- Created RESTful APIs with Node.js and Express.js, boosting performance by 30%.
- Designed middleware for request validation and error handling, standardizing API responses. Integrated third-party services like OAuth and file storage to enhance functionality and scalability.
- Streamlined component state with Context API and custom hooks, lowering code complexity and improving readability for future developers.

Associate Software Engineer, Ignitarium Technology Solutions

Aug 2021 - Aug 2022

- Created reusable React based web components, enhancing user experience for over 15,000 job sites in Japan by reducing page load time.
- Utilized asynchronous programming (Promises, async/await) for improved response times and data processing.
- Designed responsive UI components for better usability and accessibility across devices. Implemented React Redux for effective state management, supporting scalable architecture for large applications.
- Participated in daily stand-ups and sprint reviews, actively contributing to code reviews and improving team productivity by sharing React best practices.

Full Stack Web Development Program, NXT Wave

Sep 2020 - Aug 2021

I had learned and developed full-stack web applications using React.js and Node.js. During this period, I gained hands-on experience in building dynamic user interfaces, creating RESTful APIs, and integrating front-end and back-end systems. I focused on writing clean, modular code and delivering responsive, scalable web solutions.

Graduate Engineering Apprentice, Hindustan Unilever Limited

Apr 2019 - Apr 2020

- Generated reports for preventive maintenance and calibration of industrial instruments.
- Documented results from tests performed on instruments in accordance with company protocols.
- Updated records related to instrumentation, equipment inventory, and maintenance activities.

Engineer Trainee, Sri Ramadas Paper Boards PVT LTD

May 2018 - Apr 2019

- Involved in Maintenance and Calibration of industrial instruments and Process Automation. Documented results from tests performed on instruments in accordance with company protocols.
- Involved in Erection & Maintenance of 150 Tons of paper machines and 6MW power plants. Provided technical support to technicians with engineering-related tasks.

EDUCATION

Bachelor of Engineering in Electronics and Instrumentation Jun 2014 - Apr 2018 Sathyabama Institute of Science and Technology

ADDITIONAL INFORMATION

Technical Skills: React.js, HTML5, CSS, JavaScript, Node.js, Express.js, Next.js, Redux, Jasmine, GIT, Lit.js.

Achievements: A key member of the team contributed to achieving the "Best Team of the Quarter" award for exceptional performance, collaboration, and innovative solutions in the project.