Prem Kumar Mamidi

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Professional Summary

Full-Stack Software Developer with 3 years of professional experience in designing and delivering scalable web applications using React.js, Node.js, and SQL. Skilled in API development, system integration, and front-end optimization. Strong track record of contributing to government-level digital transformation projects that improved transparency, accessibility, and service delivery for millions of users.

Core Skills

Frontend: React.js, AngularJS, JavaScript (ES6+), HTML5, CSS3, Bootstrap
Backend: Node.js, Express.js
Databases: SQL, Oracle, MongoDB
Other: REST API Development, Debugging, Git, System Integration

Experience

Software Engineer | Critical River Technologies Pvt. Ltd

Hyderabad | 2023 – 2025

- Developed and optimized React.js front-end interfaces for government platforms (CARD, PDE, Pedalandariki Illu), improving accessibility and usability.

- Built and maintained RESTful APIs in Node.js, ensuring secure, efficient, and scalable data processing.

- Integrated front-end and back-end systems, enhancing reliability and performance.

- Streamlined workflows, reducing processing delays and boosting transparency.

- Worked in Agile teams, consistently achieving on-time project delivery.

Technical Personnel Grade-1 | INCOIS

Hyderabad | 2022 – 2022

- Supported national disaster management systems by monitoring seismic activity and issuing real-time tsunami alerts.

- Delivered oceanographic and fishing zone data reports to aid decision-making for communities and government stakeholders.

- Ensured high-accuracy data processing and timely delivery for research and operations.

Early Career (2010 – 2017)

Customer/Field Support Engineer – Efftronics Systems & Sirveen Control Systems

- Delivered technical support for embedded control systems, troubleshooting, and preventive maintenance.

- Collaborated with clients to implement solutions meeting compliance standards.

- Created documentation and training resources to improve efficiency and adoption.

Education

- B.Tech, Electronics & Communication Engineering – Sri Vasavi Institute of Engineering & Technology, 2015

- Diploma, Electronics & Communication Engineering – A.A.N.M & V.V.R.S.R Polytechnic College, 2010