

## Prem Kumar Mamidi

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### Professional Summary

MERN stack 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.

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### Core Skills

Frontend: React.js, JavaScript, HTML5, CSS3, Bootstrap

Backend: Node.js, Express.js

Databases: SQL, Oracle, MongoDB

Other: REST API Development, Debugging, Git, System Integration

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### 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.

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## 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.

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## 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.

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## 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