

# PRASAD BOYE

## Software Engineer

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### SUMMARY

Frontend Developer with over 2 years of experience specializing in React.js and modern UI libraries. Adept at developing interactive, scalable web applications with a focus on user experience, performance, and Agile methodologies. Demonstrated ability to use Material UI and TypeScript for cross-browser compatible interfaces. Keen interest in keeping up with emerging web technologies and best development practices.

### SKILLS

Frontend Development	:	React.js, Next.js, Redux, JavaScript, Material UI, Bootstrap, CSS, & HTML
Backend Development	:	Node.js, Express.js, Python
Databases and Cloud Services	:	SQLite, Oracle Database, AWS (EC2, S3 and Lambda),
Misc. Technical Skills	:	Docker, Gitlab, Jenkins, Jira, Babel, Jest, Debugging, & AI prompting
Soft Skills	:	Communication, Rapport building, Stakeholder & Project Management

### WORK EXPERIENCE

#### MetricStream India Pvt. Ltd. - *Software Engineer*

2022 – Present\*

- Engineered the migration of GRC application from **Backbone.js** to **Next.js**, driving a **40% enhancement** in user experience and a **30% reduction** in load times, resulting in a significant boost in **performance** and **efficiency** metrics.
- Collaborated with **cross-functional** teams on **12 different products**, translating **FIGMA** designs into product features and ensuring smooth integration of RESTful API calls.
- Resolved **350+ issues** within a **2-year** timeframe, ensuring the timely delivery of high-quality software.
- Actively participated in sprints, stand-ups, and retrospectives to drive continuous improvement and deliver high-quality software.
- Maintained **version control**, executing **296 code changes** into the **GitLab** repository, and utilized **Jira** for efficient project management, fostering collaboration and workflow across development cycles.

#### CC Engineers Pvt. Ltd. – *Senior Design Engineer*

2019 – 2022

- Conducted comprehensive training program for 4 new recruits, empowering trainees with expertise in job identification, drive management, report generation, system design, system operations, and computational analysis.
- Led a team of 4 in designing and developing the Doors & Passenger Assistance system simulator.
- Pitched a compelling project proposal at a client site, leading to the successful acquisition of a 5-crore contract for the company.
- Managed 2 projects concurrently, prioritizing tasks and mitigating operational risks effectively.

### PROJECTS

#### Trendify: Secure E-Commerce System

<https://prasadecom2.ccbp.tech>

- Developed a robust and secure login/authentication system to safeguard user data and privacy on the platform.
- Enhanced the shopping experience by enabling efficient product search across 1000+ products. Implemented sorting options by price, and facilitated product filtering by parameters such as rating and category.
- Streamlined the purchasing process by enabling users to seamlessly add products to their cart, review selections, and proceed through a secure checkout process, ensuring a smooth and hassle-free transaction experience.

### EDUCATION & CERTIFICATIONS

NxtWave Disruptive Technologies (2021-2022)	:	<b>MERN</b> stack
Raghu Engineering College (2014-2018)	:	Bachelors in Mechanical