

# Ramya Bhavya Priyanka Koorakula

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## SUMMARY

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Frontend Developer with 2.5+ years of experience building scalable, responsive, and user-focused web applications using React.js, JavaScript (ES6+), and modern frontend tools (Vite, Material UI, Tailwind CSS). Skilled in component-driven development, state management, and REST API integration, with hands-on experience delivering enterprise solutions like MES and VMS platforms. Passionate about crafting clean, maintainable code and collaborating with teams to deliver high-quality, performance-driven applications.

## WORK EXPERIENCE

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### Software Engineer Xdlinx Space Labs

Jun 2023 – Present

*www.xdlinx.space* — A pioneering aerospace startup specializing in nano and small satellite technologies. Xdlinx provides **Satellite Mission-as-a-Service (MaaS)** solutions, enabling clients to launch and manage advanced satellite missions efficiently and flexibly.

#### Project: Spacelinx – Enterprise Resource Planning (ERP)

- **Tech Stack:** React.js, JavaScript, HTML5, CSS3, Bootstrap, Git, Azure DevOps, JSON, PostgreSQL, Swagger, Figma, RESTful APIs, Playwright
- Developed a full-fledged, web-based ERP system tailored for the aerospace domain, enabling seamless management of production workflows, parts and inventory, procurement, and program-level tracking for satellite manufacturing.
- Designed and implemented key **frontend modules** using React.js and Material UI, ensuring design consistency and improving overall user experience.
- Contributed to the development of a **Manufacturing Execution System (MES)** for satellite production operations, enhancing process efficiency and traceability.
- Collaborated with cross-functional teams in **requirement gathering, sprint planning, and UI/UX design**, ensuring alignment with business goals and client expectations.
- Captured and analyzed feedback from **30+** client and stakeholder interactions, identifying key areas for module enhancement and influencing the prioritization of feature requests.
- Diagnosed and resolved critical **production issues**, reducing user-reported bugs and improving system reliability and performance.
- Utilized **Vite, Axios**, and **Git** for scalable, maintainable, and version-controlled frontend development.
- Gained hands-on experience with **Playwright** automation testing, using **Codegen** to create reliable UI test scripts and enhance frontend testing efficiency.

## PROJECTS

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### Swiggy Clone (Food Ordering App)

Developed a Swiggy-like food ordering platform using React.js, Redux, React Router, and Swiggy APIs, featuring restaurant listings, menu display, and cart management. Strengthened skills in state management, routing, and responsive UI design.

### To-Do List Application

Built a task management web app using JavaScript, HTML, and CSS. Implemented features such as add, edit, and delete tasks, filtering options, and data persistence using localStorage.

# EDUCATION

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## B.Tech in Computer Science and Engineering

2019 – 2023

Avanthi Institute of Engineering & Technology

# CERTIFICATIONS

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## Meta Front-End Developer Professional Certificate – Coursera

As part of the certification, I developed a table booking website using React’s capabilities such as input validation, state management, Hooks, and Router for navigation between pages. Ensured mobile-first responsive design using CSS flexbox and grid to enhance user experience across devices.

## Namaste React – NamasteDev.com

Completed a hands-on React course where I developed a Swiggy clone and a Netflix clone application. Gained practical experience in managing complex APIs, structuring reusable components efficiently, and building scalable applications. This hands-on approach significantly strengthened my frontend development skills and understanding of real-world application architecture.

# SKILLS

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Front-End Technologies	React.js, Redux, React Router, JavaScript (ES6+), HTML5, CSS3, Material UI, Tailwind CSS.
Tools & Build Systems	Vite, Git, npm, Axios, Playwright (Codegen).
Core Concepts	Responsive Web Design, Component-Based Architecture, State & Props Management, REST API Integration, Performance Optimization, Debugging & Troubleshooting.