

# VIJAY VIPPARTHI

## FRONT-END DEVELOPER

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Visakhapatnam, India

[Portfolio](#)

[GitHub](#)

[LinkedIn](#)

### PROFILE SUMMARY

A detail-oriented Front-End Developer with hands-on project experience building web applications using **React.js**, **TypeScript**, and **Tailwind CSS**. Skilled in creating component-based architectures, managing application state, and developing pixel-perfect, responsive designs. Eager to leverage my problem-solving skills and passion for modern web technologies in a challenging role while learning from experienced developers.

### TECHNICAL SKILLS

- **Frontend Technologies:**

- HTML, CSS, JavaScript, TypeScript
- ReactJS, Three.js
- Tailwind CSS

- **Frontend Tools:**

- Package Managers: npm
- Editor: VS Code

- **Version Control:**

- Git, GitHub

- **Core Concepts:**

- Component-Based Architecture
- State Management
- API Integration

### INTERNSHIP EXPERIENCE

**MERN Stack Developer Intern | Innomatics Research Labs | Hyderabad (Remote)** *JAN 2025 – MAR 2025*

- Successfully completed an intensive 3-month training program on the MERN stack, culminating in the sole development of a full-stack capstone project.
- **Front-End:** Engineered a responsive UI with 15+ reusable React.js components, successfully implementing a dynamic doctor availability calendar and 2 distinct role-based dashboards (Admin/User).
- **Back-End:** Created a secure RESTful API using Node.js and Express.js, developing 10+ distinct endpoints to handle user authentication (also for admins), appointment scheduling, and management of doctor records.
- **Database:** Designed and managed a MongoDB schema with 4+ collections (e.g., patients, doctors, appointments) to ensure efficient data storage and retrieval.

### PERSONAL PROJECTS

**README Generator | [Live Demo](#)**

- Engineered a dynamic SPA using **React Hooks** to manage state for 15+ form components, providing a live Markdown preview and 10+ customizable sections to **reduce documentation time by over 80%**.
- Styled the entire application with Tailwind CSS, achieving a 95+ Lighthouse score for Accessibility and Best Practices and ensuring full responsiveness across all devices.
- **Tech Stack:** React.js, Tailwind CSS, JavaScript (ES6+), GitHub

**PX to REM Converter | [Live Demo](#)**

- Engineered a lightweight, high-performance web tool to convert PX to REM, achieving a 100 Lighthouse Performance score and sub-second calculation time.
- Implemented **real-time, bi-directional conversion logic** (PX-to-REM and REM-to-PX) to instantly update outputs on every user keypress.
- **Tech Stack:** React.js, CSS3, JavaScript (ES6+), GitHub

## Green-Candle-Trade | [Live Demo](#)

- Architected a 100% offline SPA, leveraging **Zustand** for global state management and **localStorage** to persist all transactions and a mock ₹1 Crore portfolio with 40+ NSE stocks.
- Implemented a responsive dashboard with **Tailwind CSS** and **Recharts**, featuring transaction modals and a dynamic line graph with custom-formatted Indian currency (Lakhs/Crores).
- **Tech Stack:** React.js, TypeScript, Tailwind CSS, Zustand, Recharts, GitHub

## CERTIFICATIONS

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- Front-End Development Program | Innomatics Research Labs | Jan-Feb 2025
- JavaScript Essentials 1 (JSE) | Cisco Networking Academy | Mar 2024
- Cloud Computing | NPTEL (IIT Kharagpur) | Jul-Oct 2023
- AI-ML Virtual Internship | APSCH EduSkills (Supported by AWS Academy) | May-Jul 2023

## EDUCATION

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MAHARAJ VIJAYARAM GAJAPATHI RAJ College of Engineering (Autonomous)

*DEC 2021 - APR 2025*

- Bachelor of Technology | CGPA: 7.16

## HOBBIES & INTERESTS

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- **Building Innovative Projects** – Passionate about developing new solutions, experimenting with emerging technologies, and Continuously expanding technical expertise to stay ahead in the industry
- **Active Equity Trading & Market Analysis** – Continuously monitoring market trends and data to make timely, informed trading decisions.
- **Tech & Global Trends** – Staying updated on current affairs, industry trends, and technological advancements through news and research.
- **Fitness & Well-being** – Maintaining a balanced lifestyle with workouts to enhance focus, discipline, and overall well-being.