

# 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.
- Developed a full-stack web **Hospital Management System** application from scratch, demonstrating proficiency across the entire development lifecycle.
- **Front-End:** Engineered a responsive and interactive user interface using React.js, solving the challenge of creating a dynamic doctor availability calendar and role-based dashboards (Admin/User).
- **Back-End:** Created a secure RESTful API using Node.js and Express.js to handle **user authentication** (for both patients and admins), **appointment scheduling**, and **management of doctor records**.
- **Database:** Designed and managed the application's database schema in MongoDB for efficiently storing and retrieving patient, doctor, and appointment data.

### PERSONAL PROJECTS

**README Generator | A Web-Based Tool for Developers**

[Live Demo](#) | [GitHub Link](#)

- Developed a user-friendly, single-page application that helps developers **quickly create professional and well-structured README files** for their projects.
- Engineered an interactive form-based interface using React.js and React Hooks to **dynamically generate Markdown content based on user input**.
- Styled the entire application with **Tailwind CSS**, creating a clean, responsive, and intuitive user experience for seamless content creation.
- **Tech Stack:** React.js, Tailwind CSS, JavaScript (ES6+), GitHub

## PX to REM Converter | A Responsive CSS Unit Calculator

[Live Demo](#) | [GitHub Link](#)

- Engineered a fast and intuitive web tool that allows developers to instantly convert **pixel (PX) values to relative REM units**, streamlining the process of creating scalable and responsive designs.
- Implemented **real-time conversion** logic using React.js and React Hooks to ensure the output updates instantly as the user types.
- Wrote custom CSS3 from scratch to create a clean and minimalist design, using Flexbox and media queries to ensure the interface is fully responsive on all devices.
- **Tech Stack:** React.js, CSS3, JavaScript (ES6+), GitHub

## CERTIFICATIONS

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- **Front-End Development Program | Innomatics Research Labs** | Jan-Feb 2025
  - Completed an intensive program demonstrating proficiency in building responsive and interactive web pages using HTML, CSS, JavaScript and React.js.
- **JavaScript Essentials 1 (JSE) | Cisco Networking Academy** | Mar 2024
  - Solidified foundational concepts in JavaScript, including variables, data types, control flow, and functions.
- **Cloud Computing | NPTEL (IIT Kharagpur)** | Jul-Oct 2023
  - Successfully completed a 12-week course on Cloud Computing, funded by the MoE, Govt. of India.
- **Advanced Full Stack Development Internship | Innomatics Research Labs** | Jan-Mar 2025
  - Demonstrated proficiency in building RESTful APIs using the MERN stack (Node.js, Express.js, MongoDB).
- **AI-ML Virtual Internship | APSCHE EduSkills (Supported by AWS Academy)** | May-Jul 2023
  - Completed a 10-week virtual internship in AI/ML.

## 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.