

PA VIJAY ABIJEET RAJ

MERN Stack Developer

Chennai, Tamilnadu

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DEV [vijay0254/Portfolio](#)

PROFILE

Fresher MERN Stack Developer skilled in building responsive, scalable web applications using **MongoDB**, **Express.js**, **React.js**, and **Node.js**. Experienced in user-friendly **UI/UX design** and real-time features, with a strong foundation in API integration, authentication, and deployment.

TECHNICAL SKILLS

- **MERN Stack:** MongoDB, Express.js, React.js, Node.js
- **Frontend Technologies:** HTML, CSS, JavaScript, TypeScript, Tailwind CSS, Bootstrap, DaisyUI, Zustand
- **Backend & APIs:** RESTful APIs, Firebase Authentication, JWT, Cloudinary
- **Databases:** MongoDB, MySQL, Firebase
- **Tools & Platforms:** Git, Postman, VS Code, Netlify, Render, Figma

PROJECTS

DeepSightX - Website [↗](#) | [React.js](#), [Tailwind CSS](#), [Node.js](#)

Apr 2025

- Built a browser-based AI diagnostic app using **React.js** that captures eye images via upload or webcam and analyzes them using **Roboflow's deep learning API**.
- Used **React Webcam** and **Canvas API** for live frame processing and prediction overlay, with real-time results and downloadable PDF reports in a responsive UI.

KalaScape - Website [↗](#) | [MERN Stack](#), [Tailwind CSS](#), [DaisyUI](#), [Zustand](#), [Firebase](#), [JWT](#)

May 2025

- Developed a feature-rich **e-commerce** platform with sliding banners, **searchable/sortable category pages**, custom product configurator, and detailed product pages with related items.
- Integrated Google (**Firebase**) and **JWT authentication** with OTP signup and password reset via email, cart with quantity control, coupon validation, PDF order downloads, and secure checkout flow.

INTERNSHIP

Retech Solutions [↗](#)

Jul 2024 - Aug 2024

UI/UX Design

Chennai, India

- Designed and refined the user interface for an e-commerce mobile app using **Figma**, focusing on intuitive navigation, user flow, and responsive layouts.
- Created detailed **wireframes** and **interactive prototypes** to guide frontend implementation.

Empower Guiding Centre [↗](#)

Jun 2023 - Jul 2023

Frontend Development

Chennai, India

- Developed responsive static websites using **HTML**, **CSS**, and **JavaScript** with a focus on clean design.
- Implemented core UI features such as navigation bars, forms, and media sections with cross-browser compatibility.

EDUCATION

Meenakshi Sundararajan Engineering College

Aug 2021 - May 2025

Bachelor of Engineering - ECE - CGPA - 8.61(End of Semester 6)

Chennai, India

CERTIFICATIONS

- **MERN Stack:** ReactJS, NodeJS, ExpressJS (Techieey), MongoDB (MongoDB University)
- **Frontend:** HTML, CSS, JavaScript (Error Makes Clever), Bootstrap (Udemy)
- **Others:** Java (Neo Orange), C (Guvi)

EXTRACURRICULAR

Meenakshi Sundararajan Engineering College

Mar 2024 - May 2024

Symposium Coordinator

Chennai

- Organized 13 events, including 5 technical, 4 non-technical, 4 innovative, and 1 online event, ensuring smooth execution and engagement.