

Deepika D

MERN Stack Developer

✉ deepikadevaraj016@gmail.com ☎ +91 8778462110 📍 Chennai

👤 OBJECTIVE

Results-driven **MERN Stack Developer** with 1.5 years of experience designing and developing **scalable web applications** using **MongoDB, Express.js, React.js, and Node.js**. Skilled in creating **secure RESTful APIs**, integrating **frontend and backend systems**, and ensuring **responsive, cross-browser-compatible designs**. Adept at working in **Agile/Scrum environments**, collaborating with cross-functional teams, and applying **best practices in software security and performance optimization**. Seeking an opportunity to contribute **full-stack development expertise** to a forward-thinking organization while continuing to expand technical proficiency.

🧠 TECHNICAL SKILLS

SKILLS

Frontend Development

- **Web Technologies:** HTML5, CSS3, JavaScript (ES6+), JSON, DOM Manipulation
- **Frameworks & Libraries:** React.js, React Router, Material-UI, Styled Components, Bootstrap

Backend Development & Databases

- **Server-side:** Node.js, Express.js
- **Databases:** MongoDB (CRUD operations, Aggregation)
- **APIs:** RESTful API design, integration, and authentication (JWT, OAuth)

Development Tools & Environment

- Visual Studio Code, Postman, npm, Yarn

Version Control & Collaboration

- Git, GitHub, Bitbucket, Jira, ClickUp

Methodologies & Practices

- Agile (Scrum), CI/CD with GitHub Actions, Test-Driven Development (TDD) basics

📁 PROFESSIONAL EXPERIENCE

Maxima Automation Solutions Pvt Ltd, Software Developer 09/2024 – Present | Chennai, India

- Developed **full-stack web application features** using the **MERN stack** with scalable architecture and clean code practices.
- Built **responsive, mobile-first UI components** using **React.js, Javascript and Material-UI**, ensuring accessibility and cross-browser compatibility.

Urbancode Edutech Pvt Solutions, React UI Developer 02/2024 – 08/2024

- Developed **interactive, responsive user interfaces** using **React.js, React Router**, and **Material-UI**, ensuring optimal performance across devices.
- Integrated **RESTful APIs** using **Axios**, handling dynamic data rendering and improving client-side performance.

PROJECTS

1. Infrastructure Automation & Server Management

Role: MERN Stack Developer

Stack: React.js, Node.js, Express.js, MongoDB, MySQL, HTML5, CSS3, JavaScript (ES6+), Bootstrap, Git, REST API

Highlights & Responsibilities:

- Designed and developed automation systems using **Node.js, Express.js, and MongoDB**, streamlining workflows and reducing manual processing time.
- Built and maintained **responsive web interfaces** with React.js, HTML5, CSS3, JavaScript, and Bootstrap, improving cross-platform compatibility and user experience.
- Created, deployed, and optimized the company website, enhancing **UI/UX, SEO, and performance**.
- Integrated **RESTful APIs** for secure and reliable data exchange between internal tools and the company website.
- Collaborated with cross-functional teams to plan, develop, and deploy new features while ensuring system stability and security.
- Administered **MongoDB and MySQL** databases, including schema design, indexing, and backup strategies for critical business data.
- Used **Git** for version control and implemented best practices for code reviews and deployment workflows.

2. Zen CRM – Lead & Training Management System

Role: React Frontend Developer

Stack: React.js, Material-UI, Redux Toolkit, JavaScript (ES6+), Axios, Bootstrap, Recharts, Jest, React Testing Library

- Developed a **modular React.js front-end** using **Material-UI components** for lead management, onboarding workflows, and trainer mapping, enabling efficient use by 30+ staff members.
- Implemented **JWT-based authentication** and **protected routes** with role-based access control using React Router, ensuring secure navigation for different user types.
- Built and optimized **50+ Redux-connected components and hooks** to consume REST APIs with **Axios**, handling data fetching, error states, and retry logic.
- Created **user-focused features** including bulk CSV upload workflows and interactive fee-insights dashboards using **Recharts** for data visualization.
- Maintained **component-level unit tests** with **Jest** and **React Testing Library**, ensuring >85% coverage and preventing regressions during feature updates.
- Improved **UI/UX** through responsive layouts, reusable components, and performance optimizations, reducing page load times and enhancing accessibility.

EDUCATION

- B.E – Computer Science and Engineering at New Prince Shri Bhavani College of Engineering and Technology with **CGPA 7.84** | **Batch:** 2020 – 2024.