

MOHANA ADITIYAN P

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SUMMARY

Full Stack Developer specializing in the MERN stack with hands-on experience building and deploying scalable web applications. Strong in React.js frontend development, REST API integration, and backend logic using Node.js and Express.js. Experienced in developing role-based access systems, payment gateway integrations (Razorpay), and responsive user interfaces using Tailwind CSS and Material UI. Passionate about building high-performance, user-focused applications and continuously improving code quality and system performance.

WORK EXPERIENCE

Junior Software Engineer

Jan 2025 – Present

Bharat Clouds Private Limited

- Developed and maintained responsive web applications using React.js, improving UI performance and usability
- Converted Figma UI/UX designs into reusable React components with modern JavaScript (ES6+)
- Integrated multiple REST API endpoints for real-time data rendering and seamless backend communication
- Implemented state management using React Hooks and Context API
- Improved cross-browser compatibility and reduced UI bugs through systematic debugging and testing
- Collaborated in team knowledge-sharing sessions following Agile development practices

EDUCATION

Bachelor of Technology (Information Technology)

Aug 2020 - Aug 2024

Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College

- Graduated: 2024 | CGPA: 8.19

PROJECTS

1. MERN E-Commerce Web Application

- Developed a full-stack e-commerce platform using React.js, Node.js, Express.js, and MySQL, implementing RESTful APIs, CRUD operations, and scalable backend architecture.
- Integrated JWT authentication, role-based authorization, and built an admin dashboard to manage products, users, and orders securely.
- Designed responsive UI, shopping cart, and product workflows; deployed frontend on Vercel and backend on Render with production API integration.
- Live Application:** <https://ecommerce-mern-six-flax.vercel.app/>
- Demo Access :
- Email: sarah@test.com
- Password: 123456

2. Personal Portfolio – Next.js & Tailwind CSS

- Built a responsive portfolio using Next.js and Tailwind CSS
- Implemented smooth animations and modern UI components
- Optimized performance with server-side rendering (SSR)
- Deployed on Vercel with SEO optimization
- Live Application:** <https://mohana-aditiyan-portfolio.vercel.app/>

3. 20 Text Animations & 2 Parallax Effects – React

- Created 20 reusable text animation components
- Implemented 2 advanced parallax scrolling effects
- Designed interactive UI using React and Tailwind CSS
- Focused on performance optimization and reusable components
- **Live Application:** <https://react-text-motion-studio.vercel.app/>

ACHIEVEMENTS

- Received Best Performer Award for delivering pixel-perfect UI implementations from design prototypes
- Ranked among Top 144 out of 1,000+ projects in the Naan Mudhalvan Competition
- Secured 1st Place in a National-Level Paper Symposium for technical innovation

SKILLS

Frontend Development	React.js, JavaScript (ES6+), HTML5, CSS3, Responsive Web Design
State Management	React Hooks, Context API
Backend Integration	REST API Integration, CRUD Operations, JWT Authentication
Tools & Platforms	Git, GitHub, Postman, Vercel, Netlify
Database	MySQL, MongoDB
UI/UX	Figma (Wireframing, Prototyping)
Other Skills	Debugging, Cross-Browser Compatibility, Performance Optimization
AI Tools	AI Tools , Prompt Engineering , AI-Assisted Development
SEO & Analytics	SEO Optimization, Google Analytics, Google Search Console

CERTIFICATIONS

- Full Stack Web Development – Udemy
- Java Masterclass – Udemy
- Business English Certificate (Preliminary) – Cambridge University

LANGUAGES

Tamil
English
Hindi