

Adarsh Singh

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Professional Summary

Full Stack Developer (MERN) with experience building and deploying production-ready applications. Strong foundation in API design, scalable systems, Product Design, API Performance, Real-Time Systems, Clean UI, Git-based Collaboration and clean UI/UX. Passionate about delivering user-focused solutions and learning through real-world projects.

Education

Parul University	Vadodara, Gujarat
Bachelor of Technology—Computer Science & Engineering	2022 – 2026
Maharaji Devi Smarak Inter College	Ballia, Uttar Pradesh
Major: Physics, Chemistry, Mathematics (PCM)	2022

Projects

GlobalBites [[Github](#)] [[Live](#)] MongoDB, Express.js, React.js, Node.js, Gemini API, Tailwind CSS June 2025 – August 2025

- Integrated OpenAI and Gemini APIs to dynamically generate recipe data, using async/await patterns and custom prompts for personalized suggestions
- Built modular React components for recipe cards, chef-style selection, mood-based filters, and implemented protected routes with OTP-based auth
- Structured RESTful backend with Express.js and MongoDB, implemented custom middleware for error handling, and optimized API response time with caching logic

Product Transparency [[Github](#)] [[Live](#)] React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Axios, Gemini Ai 19 August 2025

- AI-powered product management system with product addition, review Q&A, AI-suggested answers, and automated PDF report generation using Gemini API.
- Modular React frontend featuring product forms, review dashboards, mood-based filters, and secure PDF export with a fast, minimal UI.
- RESTful backend with Express.js & MongoDB, including OTP-based authentication, custom middleware, error handling, caching for optimized performance, and transparent AI-assisted workflows for trust & scalability.

Achievements & Highlights

- Completed The Complete Web Development Bootcamp, gaining end-to-end MERN stack proficiency through projects.
- Built and deployed 4+ real-world full-stack applications with advanced UI/UX and API integrations.
- Created and hosted personal developer portfolio and project demos on Vercel/Render.
- Currently building strong problem-solving foundations through regular DSA practice using JavaScript on LeetCode.

Technical Skills

Programming Languages: JavaScript (ES6+), HTML5, CSS3, Java (Basic)

Frontend Technologies: React.js, Tailwind CSS, Bootstrap, Sass, Context API, Redux

Backend & APIs: Node.js, Express.js, REST APIs, JWT Authentication, MVC Architecture

Databases: MongoDB, Mongoose, Firebase (Basic), MySQL (Basic)

Tools & Platforms: Git, GitHub, Postman, Vercel, Render, Railway, Netlify, VS Code, Npm

Other: Responsive Design, Component-based Architecture, API Integration, Deployment

CS Fundamentals: Object-Oriented Programming, DBMS, Computer Networks, Operating Systems

Coursework: Web Development, Data Structures & Algorithms, DBMS, CN, Operating Systems

Co-Curricular Activities

- Pursued advanced full-stack development through hands-on projects using the MERN stack
- Continuously explored new tools and frameworks, including deployment, authentication, and performance tuning
- Applied version control principles and real-time deployment pipelines using GitHub, Vercel, and Render and Railway simulating production-ready workflows through consistent updates and debugging cycles