

Anuj Chaudhari

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Technical Skills

Languages: Typescript, JavaScript, C++ , SQL

Frontend: Angular.js, React.js, Tailwind CSS, Redux Toolkit, Context API, HTML5, CSS3, GSAP, Framer Motion

Backend: Node.js, Express.js, Dot Net Core Web API's, REST APIs, Firebase Authentication

Databases: MongoDB, MySQL, PostgreSQL

Tools: GitHub, Postman, Chrome DevTools, Vite, VS Code

Education

Sinhgad Institute Of Technology, Lonavala

June 2021 – July 2025

B.E. in Computer Engineering CGPA: 7.51

Experience

Software Developer-Trainee, Enprosys Infotech

September 2025 – Current

- **Master Module Development:** Developed comprehensive Master Data Management modules using Angular and React with TypeScript, creating dynamic forms and CRUD interfaces for properties, user rights, country master, accounts, and inventory data. Reduced error rates by 15% through enhanced validation logic and type-safe implementations.

- **Component Architecture & Reusability:** Built scalable, reusable component libraries with strictly typed interfaces to ensure maintainability across large-scale ERP applications. Implemented reactive forms with custom validators and error handling to improve data quality and user experience.

- **API Integration & State Management:** Integrated frontend applications with RESTful APIs, managing complex state transitions using Redux Toolkit and RxJS. Developed .NET Core backend endpoints when required to support frontend functionality and ensure seamless data flow.

Projects

• **URL-Shortner** *Node.js | Express.js | MongoDB | React.js*

[Github](#)

- **Built** a full-stack URL shortening service using Node.js, Express.js, and MongoDB, enabling users to generate and manage short links with real-time redirection and click tracking

- **Created** RESTful APIs and implemented modular controller-service architecture, improving backend maintainability and scalability for future feature additions.

- **Strengthened** performance and user experience by integrating React.js with responsive design, and collaborated with peers during code reviews to maintain clean, well-documented code.

• **ReelMind – AI Study Assistant** *React.js | Node.js / Express.js | MongoDB | OpenAI API*

[Github](#)

- **Architected** an AI-powered Instagram Reel knowledge extraction platform using MERN + TypeScript, integrating Gemini AI (audio transcription) and Groq AI (multilingual summarization OCR) through a 7-stage automated processing pipeline with strong fault tolerance and resource cleanup.

- **Boosted** reel processing performance by 40–50% by implementing parallel and pipelined execution, optimizing FFmpeg audio extraction, reusing a singleton Puppeteer browser pool, and designing MongoDB compound + full-text indexes for sub-second search at scale..

- **Delivered** a production-grade, scalable system with JWT-based authentication, bcrypt hashing, centralized error handling, efficient state management using React Context + TanStack Query, MongoDB aggregation pipelines, and Render deployment with custom build scripts for Puppeteer and FFmpeg.

• **AI Portfolio Query Assistant** *React.js | TypeScript | Tailwind CSS | Groq Cloud*

[Github](#)

- **Designed and launched** an AI-powered portfolio chatbot using React, TypeScript, TailwindCSS, and Groq Cloud (OpenAI-compatible), enabling users to query skills, experience, and projects through dynamic natural-language responses.

- **Elevated** performance and UX through Lighthouse-driven improvements—implementing code-splitting, image lazy-loading, and preloading techniques, resulting in a 35% faster load time and 20% higher Lighthouse performance score across devices.

- **Developed** intelligent project summarization by fetching and parsing GitHub README content, integrating reusable utilities, lazy loading, and modular components to improve maintainability and scalability.

Certifications

Debugging JS / NodeJS – [\[Udemy Certificate\]](#)

UX Design Virtual Experience – [\[Forage Certificate\]](#)