

Hetu Patel

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Summary — Full Stack Developer skilled in MERN, Next.js, and GenAI with strong problem-solving abilities (450+ LeetCode problems, CodeChef 3★ with 1653 rating, LeetCode Contest Rating: 1572). Experienced in building scalable, user-friendly web applications and collaborating in agile team environments. Passionate about leveraging technology to solve real-world problems through clean code and modern tools.

Skills

Languages: JavaScript(Advanced), Java(Advanced), C/C++ (Intermediate), Python(Intermediate)	Cloud: Docker, AWS (EC2, S3, Lambda, IAM)
Web Technologies: React, HTML, CSS, JavaScript, Tailwind CSS	Database: MongoDB, MySQL (Solved 50 LeetCode SQL problems)
Backend: NodeJs, Express.js, NextJs, REST API	Tools: Git, Github, Vercel, Render, Prisma, Clerk, Postman
	Soft Skills: Communication, Team Collaboration

Experience

VIKARTR TECHNOLOGIES LLP

May 2025 – Present

Full Stack Developer(Internship + Part-time)
Hotel Management System

- cooperated with a team to design and implement a hotel booking platform using MongoDB, Express.js, React.js, and Node.js.
- Contributed to developing a role-based access system for Admin, Accountant, Front Desk, and Staff
- Integrated a calendar-based booking interface enabling real-time room availability and streamlined scheduling.
- Participated in integrating frontend with backend services and ensuring a seamless user experience

Ethicare Financial Services

- Created multiple calculators (Stamp Duty, Loan Repayment, Interest) to support accurate financial decision-making.
- Implemented secure multi-role support for User, Agent, and Staff with role-specific dashboards and permissions.
- Built a responsive, high-performance frontend and seamlessly connected it to a scalable MongoDB backend.
- Enhanced usability with dynamic forms, real-time calculations, and intuitive navigation for financial service workflows.

Automated Salary Slip and Offer Letter Generator

- Developed a system to auto-generate monthly salary slips and provide on-demand offer letter downloads.
- Designed user-friendly interfaces for managing employee records and enabling instant access to documents.
- Built a secure, scalable solution with MongoDB, Express, React, and Node.js for seamless HR operations.

Cognifyz Technologies (Remote)

Jan 2025 – Feb 2025

MERN Stack Developer(Internship)

- Built responsive, dynamic web applications using MongoDB, Express.js, React.js, and Node.js with secure server-client communication via RESTful APIs.
- Integrated MongoDB for persistent data storage and implemented user authentication with authorization checks for secure access control.
- Designed and validated complex, interactive forms with client-side and server-side validation, responsive design, and real-time DOM updates.

Education

Pandit Deendayal Energy University

B.Tech - Information, Communication and Technology / CGPA: 8.8 / Aug 2022 - present

Certification

Johns Hopkins University: HTML, CSS, and Javascript for Web Developers

Meta (Coursera): Build Web Applications using Express.js and Node.js

Projects

AvatarAI: <https://avatar-ai-swart.vercel.app/>

- Built an AI-based avatar chatbot using Next.js, Gemini 2.0 Flash, Clerk, Prisma, Firebase, and Pinecone
- Allows users to create avatars of their favorite personalities or celebrities and engage in real-time, multilingual conversations
- Enables real-time multilingual Q&A for interview preparation, concept-based discussions, and mock voice interview practice

Namaste: <https://namaste-chatapp.onrender.com/>

- A Chakra UI-based MERN chat app that promotes daily healthy conversations
- Supports real-time messaging with user authentication