Narendrakumar Kumawat

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Education

Indian Institute of Technology, Madras   *Jan 2023 – Present*
B.S. in Data Science and Application

Experience

Full Stack Developer Intern   *Remote*
Hues Apply   *Feb 2025 – May 2025*

- Built and maintained full-stack applications using React.js, TailwindCSS, Node.js Framework and MongoDB to power dynamic recruitment workflows.
- Integrated scalable APIs using Node.js and RESTful API improved performance and modularity by refactoring legacy endpoints and adding semantic search features.
- Contributed to CMS integration and built reusable UI components using MUI and shadcn/ui, ensuring accessibility and responsiveness across devices.
- Wrote clean, testable code with TypeScript and JavaScript and maintained detailed documentation including README files, API contracts, and architecture diagrams.

Machine Learning Intern   *Nagpur, Maharashtra*
Suvidha Foundation   *Dec 2024 – Jan 2025*

- Working on various machine learning projects focused on real-world problem solving.
- Actively contributing to the development and writing of research papers in the field of AI/ML.
- Collaborating with peers and mentors to explore innovative ML techniques and applications.

Projects

FinGuide – AI-Powered Finance Management System *[GitHub]* ↗

- Working on full-stack finance management platform with dual portals for lenders and borrowers using React.js, TailwindCSS, and JWT-based multi-role authentication.
- Integrated real-time installment tracking, LLM-based payment guidance and automatic reminders.
- Built RESTful APIs using Node.js and FastAPI with MySQL and MongoDB for structured and unstructured data management.
- Deployed production ready application on AWS (EC2, S3) with Docker and CI/CD workflows monitored with cloud-native tools.
- Designed scalable architecture for semantic document retrieval using PGvector and integrated chat-based support.

Chat App – Real-Time Messaging Platform *[GitHub]* ↗

- Built a secure real-time chat app with React.js, Express.js, and Socket.IO supporting one-on-one messaging and media sharing.
- Implemented end-to-end encryption, role-based access control, and secure authentication using JWT and bcrypt.
- Designed responsive UI with TailwindCSS and integrated persistent message storage using MongoDB.
- Containerized the app with Docker and deployed using Vercel and AWS, ensuring scalability and availability.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3
Frameworks & Libraries: React.js, Next.js, Express.js, TailwindCSS, Bootstrap, Radix UI, shadcn/ui, MVC Architecture
Backend Technologies: Node.js, FastAPI, RESTful APIs, LLM (Basic)
Databases: MongoDB, PostgreSQL, MySQL
Cloud: AWS (Lambda, EC2), Docker, CI/CD Pipelines, Vercel, Git, GitHub, Postman
Other Skills: JWT / OAuth Authentication, API Design, UX Collaboration

Certifications

Full Stack Development - Udemy, Jul 2025

Achievements

Arcade Carnival – Google Cloud Skills Boost

Vismay 2025 Website – Designed a modern website page for a college cultural event using Next.js, Tailwind CSS, and Framer Motion, focused on animations, responsiveness, and clean UI. View on GitHub: **vismay-2025** ↗.