Narendrakumar Kumawat

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Key Skills

- Node.js, Express.js
- React, Next.js
- Python, Django

- HTML, CSS3, JavaScript, TypeScript
- MongoDB, PostgreSQL, MySQL
- AWS, Docker

- Understanding of Algorithms
- FastAPI, RESTful APIs, JWT
- GraphQL, Flask

Experience

Hues Apply, Backend Intern

Remote work Flexible   Feb2025 - Present

During this internship, I was part of the backend team, where my responsibilities included handling backend APIs, developing modules, and managing database-related tasks. I worked on optimizing backend performance, ensuring efficient data handling, and contributing to the overall architecture of the system.

ML Intern, Suvidha Foundation

Remote work Flexible   Dec 2024 - Jan 2025

As a Machine Learning intern, I worked with transformer models, implemented architectures for NLP and sequence tasks, and analyzed ML research papers to stay updated on advancements and enhance model performance.

Open Source Contributor

Remote work Flexible   Dec 2024 - Present

ContribContributed to Node.js projects by implementing core features, optimizing performance, and writing tests and documentation. Skilled in web development (Node.js, Express.js, React) and actively engaged in the open-source community.

Developer Team Lead, College Club

Pune, Maharashtra, India   May 2024 -Dec2024

As the Lead Backend Developer in my college, I led a team in building scalable web applications using Django and FastAPI, developing RESTful APIs and optimizing database performance. I also managed deployments with Docker, automated CI/CD pipelines, and mentored junior developers.

Certifications

- Node.js, Express.js, Next.js
- Python Certified
- Databases Expert
- Web Development
- CEH Certified

Projects

Chat-app

Overview: This is a secure, encryption-based chat web application for private, person-to-person messaging. It ensures only intended users can communicate and share media safely. Built with Node.js, Express.js, and React, it uses end-to-end encryption for complete privacy.

Development Tools:

Backend: Node.js, Express.js, MongoDB , Frontend: React, Next.js, Mui

Development Environment: VSCode, Githup, Docker

fastapi_trading_project

Overview: Your FastAPI Trading Project implements semantic search using text embeddings to rank trading-related documents based on similarity to a user's query. It features a FastAPI POST endpoint, leveraging text vectorization and cosine similarity for relevance scoring, with data stored in MongoDB, PostgreSQL

Development Tools:
Backend: Python (Django, Prisma)
Development Environment: VSCode, Githup, Docker

Voice Agent

Overview: Build a voice-driven application that automates interview scheduling by calling candidates, collecting key details, and booking appointments. The agent should conduct a conversational Q&A to gather candidate information and confirm slots. Use open-source frameworks for speech processing and dialogue management.

Development Tools:
Backend: Node.js , Express.js, MySQL , Frontend: React
Development Environment: VS code, githup, Postman, Docker

Geospatial Query System

Overview: Create a system that leverages geospatial queries in MongoDB to manage documents based on city boundaries. This project will help you understand geospatial data handling, querying with geospatial indexes, and performing CRUD operations based on location data.

Development Tools:
Backend: JavaScript, NestJS, MongoDB, Swagger, GeoJSON
Development Environment: VS code, githup, Postman