

Vedant Lahane

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vedantlahane.vercel.app

Projects

Fund Forge (Decentralized Crowdfunding Platform) July 2025 – Present

- Designed a responsive and modular web interface enabling milestone-based funding, project transparency, and community governance.
- Integrating MetaMask wallet authentication using Web3.js for seamless user-wallet interaction on Ethereum testnets.
- Implemented performance optimizations using Vite-based bundling, lazy loading, and modular routing.

Technologies: React (TypeScript), Tailwind CSS, shadcn/ui, Vite, Web3.js, MetaMask

QnA (Natural-language Q&A over SQL and Tabular Data) May 2025 – Present

- Actively building an LLM-integrated chatbot for querying SQL and tabular data using natural language prompts.
- Working on a secure, read-only agent workflow using vector embeddings, tool chaining, and fallback logic for robust query handling.
- Iterating on prompt engineering and reranking strategies to handle ambiguous and complex queries more accurately.

Technologies: Python, OpenAI API, LangChain, SQL (SQLite/MySQL), ChromaDB, FAISS

MyBlog (MEAN Stack Blogging Platform) Apr 2023

- Built a secure blogging platform with JWT-based authentication, multi-role access control, and protected routes for content management.
- Integrating Gemini API to auto-generate basic image captions and content suggestions to assist in blog creation.
- Implemented server-side filtering, sorting, and pagination to efficiently manage and display large volumes of blog data.

Technologies: MongoDB, Express.js, Angular, Node.js, TypeScript, JWT, Gemini API

Skills

Programming Languages:	Java, JavaScript, TypeScript, Python, PHP, SQL, HTML, CSS
Frameworks & Libraries:	React, Node.js, Express.js, Angular, Redux, Laravel, Shadcn, Tailwind CSS
Blockchain & Web3:	Smart Contracts, Web3.js, Truffle, MetaMask Integration
Cloud & DevOps:	Docker, Docker Compose, Jenkins, CI/CD
Development Tools:	Git, GitHub, Postman, Vite, Vercel, Render, Linux
Databases & Systems:	MongoDB, MySQL
Soft Skills:	Problem-solving, Teamwork, Adaptability, Creativity

Achievements

Solved **400+** Data Structures & Algorithms questions on **LeetCode** and **GeeksForGeeks**

Certifications

Udemy - Deep Learning with TensorFlow 2	July 2025
NPTEL – Cloud Computing	October 2024
Coursera – Generative AI with Large Language Models	April 2024
GeeksForGeeks – Data Structures and Algorithms	August 2023

Education

Lovely Professional University , B.Tech in Computer Science and Engineering	Sept 2022 – July 2026
CGPA: 7.89	Jalandhar, Punjab
Vivekananda Junior College , Class XII	June 2019 – May 2021
Percentage: 92.00%	Nagpur, Maharashtra
Gurukul Public School , Class X	June 2017 – May 2019
Percentage: 84.20%	Paratwada, Maharashtra