

Vedant Lahane

vedantanillahane@gmail.com | 7447335096 | github.com/vedantlahane | linkedin.com/in/vedant-lahane
vedantlahane.vercel.app

Projects

- QnA** (Multi-Agent Q&A System using LLMs) Jul 2025 – Present
- Built an **async Django backend** to handle **natural language queries** across SQL, CSV, and document data sources.
 - Integrated **LangChain** + **LangGraph** for **multi-agent query routing** powered by GPT-4.
 - Designed **vector search pipelines** with **OpenAI embeddings** + **ChromaDB** for similarity search on structured/unstructured data.
 - Technologies:** Django, Python, SQLAlchemy, LangChain, LangGraph, OpenAI, ChromaDB, Docker, AWS
- Fund Forge** (Decentralized Crowdfunding Platform) Jun 2025 – Present
- Developed a **responsive web app** enabling **milestone-based funding**, transparent project updates, and community governance.
 - Integrated **MetaMask authentication** with **Web3.js** for seamless Ethereum testnet interaction.
 - Optimized performance with **Vite bundling**, **lazy loading**, and **modular routing**.
 - Technologies:** React (TS), Tailwind, shadcn/ui, Vite, Web3.js, MetaMask
- ShoeMarkNet** (E-commerce Platform with CI/CD & Containerization) Mar 2024
- Engineered a **Node.js/Express backend** with **JWT authentication**, **RBAC**, and secure APIs for users, products, and orders.
 - Automated deployments with a **Jenkins + Docker Compose CI/CD pipeline**, enabling multi-service staging and production rollouts.
 - Integrated **Redux Toolkit** frontend with **async thunks** and **toast-based UX** for cart, wishlist, and order flows.
 - Technologies:** Node.js, Express, MongoDB, React, Redux Toolkit, Jenkins, Docker, Docker Compose, Tailwind CSS

Skills

Programming Languages:	Java, JavaScript, TypeScript, Python, SQL
Frameworks & Libraries:	React, Node.js, Express.js, Angular, Redux, Shadcn, Tailwind CSS
AI/ML & LLM Technologies:	Prompt Engineering, RAG, Tensorflow, ChromaDB, LangChain
Cloud & DevOps:	AWS, Docker, Docker Compose, Jenkins, CI/CD, GitHub Actions, Puppet
Development Tools:	Git, GitHub, Postman, Vite, Vercel, Render, Linux
Databases & Systems:	MongoDB, MySQL
Soft Skills:	Problem-solving, Teamwork, Adaptability, Creativity

Certifications & Achievements

Solved **300+** Data Structures & Algorithms problems on **LeetCode** & **GeeksForGeeks**.

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 CGPA: 7.89	September 2022 – July 2026 Jalandhar, Punjab
Vivekananda Junior College , Class XII Percentage: 92.00%	June 2019 – May 2021 Nagpur, Maharashtra
Gurukul Public School , Class X Percentage: 84.20%	June 2017 – May 2019 Paratwada, Maharashtra