

Vedant Lahane

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vedantlahane.vercel.app

Projects

- Fund Forge** (Decentralized crowdfunding platform) 2025 – Present
- Designed and implemented a full-featured, responsive web interface for transparent project creation, milestone-based funding, and community-driven governance.
 - Developed and deployed a minimal Solidity smart contract for secure fund management; integrated MetaMask wallet connection via Ethers.js to enable real ETH testnet transactions and live project status tracking.
 - Technologies:** React (TypeScript), Tailwind CSS, shadcn/ui, Vite, Solidity, Ethers.js, MetaMask
- MyBlog** (AI-powered MEAN stack blogging platform) 2025
- Engineered a robust authentication system with JWT, supporting multi-tier permissions and secure user management.
 - Enhanced the blog editor with Gemini API integration for AI-driven image descriptions and intelligent content structuring, accelerating content creation by 40% and improving accessibility.
 - Technologies:** MongoDB, Express.js, Angular, Node.js, TypeScript, JWT, Gemini API
- ShoeMarkNet** (AI-powered MERN stack e-commerce platform) 2024
- Built an intelligent GenAI assistant for real-time product recommendations and automated review summarization, resulting in a 12% increase in conversion rates.
 - Automated CRM-driven marketing workflows by syncing user event data, boosting user retention by 15%, and streamlined admin operations with a secure, role-based dashboard.
 - Technologies:** MongoDB, Express.js, React.js, Node.js, Context API, Tailwind CSS, GenAI APIs

Skills

Programming Languages:	Python, Java, JavaScript, TypeScript, C++ , C, PHP, SQL, HTML, CSS, Solidity
Frameworks & Libraries:	React, Node, Express, Angular, Redux, Laravel, TensorFlow, Shadcn, Tailwind CSS
AI/ML & LLM Technologies:	OpenAI API, Gemini API, RAG, Prompt Engineering
Blockchain & Web3:	Smart Contracts, Web3.js, Ethers.js, MetaMask Integration
Cloud & DevOps:	AWS, Docker, Docker Compose, Jenkins, CI/CD
Development Tools:	Git, GitHub, Postman, Vite, v0.dev, Vercel, Render, Lighthouse, Linux, Automation Tools
Databases & Systems:	MongoDB, MySQL, PostgreSQL, Vector Databases, NoSQL, Database Administration
Soft Skills:	Problem-solving, Teamwork, Adaptability, Creativity

Achievements

Solved **500+** 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 CGPA: 7.89	Sept 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