

OM VARMA

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EDUCATION

- VIT Bhopal University** 2022 - present
B.Tech in Computer Science and Technology CGPA: 8.23/10

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, C++
Frameworks / Libraries: ReactJS, NextJS, ExpressJS, FastAPI, REST API
Databases: MySQL, PostgreSQL (Neon, Supabase), MongoDB (MongoDB Atlas)
Developer Tools: Git, GitHub, Docker, Postman, Render, Redux Toolkit, Vercel
Data Structures & Algorithms: 300+ LeetCode problems

PROJECTS

- DocsChat: AI-Powered Document Assistant** Aug 2025 - Sep 2025
NextJS, NodeJS, Quadrant DB, Drizzle, Gemini, LangChain, Ollama
 - Engineered a conversational platform for contextual PDF queries, delivering 90%+ accurate responses.
 - Architected a scalable interface supporting 100+ concurrent users with low-latency responses.
 - Automated AI integration and database workflows, cutting query time by 40%.
- FinSmart: Personal Finance Advisor** Jun 2024 - Jul 2024
NextJS, Tailwind CSS, ChatGPT API
 - Created a personalized finance app powered by ChatGPT to generate financial suggestions from 20+ parameters.
 - Delivered a responsive design with Tailwind CSS, achieving a 100% Lighthouse score for mobile performance.
 - Enabled AI-driven insights, helping users identify up to 15% in potential savings.
- EchoBot: Discord Bot for Website Event Tracking** Apr 2024 - May 2024
ReactJS, REST API, Discord API
 - Developed a Discord bot to monitor website activity in real time, reporting 50+ unique events per run.
 - Built configurable admin triggers and notifications, reducing manual monitoring by over 70%.
 - Integrated frontend activity with Discord, boosting community engagement and response time by 30%.
- StockSense: Stock Market Prediction** Jan 2024 - Mar 2024
Pandas, NumPy, JavaScript
 - Implemented a research paper model to predict stock prices using 6 key financial indicators (P/E ratio, P/B ratio, Alpha, Beta, Sensex, Nifty 50) on a dataset of 5,000+ records.
 - Processed and analyzed financial data with Pandas and NumPy, generating 12+ predictive features that improved accuracy by 18% compared to baseline models.
 - Made a JavaScript interface to visualize 10+ parameters, enabling quick insights for end users.

CO-CURRICULARS

- Freelance: Full Stack Developer** Jan 2025 – June 2025
ReactJS, Tailwind CSS, NodeJS, PostgreSQL
 - Designed and developed a responsive home website for clients using React and Tailwind CSS, improving brand visibility and user engagement.
 - Engineered a custom invoice billing system with Node.js and PostgreSQL, enabling automated invoice generation and reducing manual effort by 60%.
 - Delivered full-stack solutions on time, ensuring maintainable code, optimized performance, and client satisfaction across multiple projects.

CERTIFICATIONS

- The Bits and Bytes of Computer Networking (Google Certification)