

Vishal Dubey

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🐙 [GitHub](#)

🌐 [LinkedIn](#)

🌐 [Portfolio](#)

Education

KIET Group of Institutions
Computer Science and Engineering (CGPA: 8.7)

2024 – Present
Ghaziabad, Uttar Pradesh

Experience

Full-Stack Developer

May 2025 – June 2025

- Developed a **MERN-stack Community Noticeboard Platform** to streamline notice sharing within the college.
- Implemented **login/signup**, **admin approval**, **CRUD operations**, and **responsive design** using **React**, **Node.js**, **Express**, and **MongoDB**.

Projects

Orbital | Next.js, Express.js, PostgreSQL, Commander.js [🔗](#)

Jan 2026 – Present

- Developed **Orbital**, a smart **CLI-based AI agent** with automatic **tool selection** supporting **normal chat**, **web-search chat**, and **project builder mode**.
- Implemented secure **GitHub Device Authorization** using **Better Auth**, enabling a **2-step device approval flow** with safe token storage.
- Enabled users to **generate complete projects** and **save directly to local workspace**, reducing manual setup time by **~60%**.

SmartExpense | React.js, Node.js, MongoDB, LangChain.js, [🔗](#)

Aug 2025 – Sept 2025

- Built a **MERN-based Expense Tracker** with secure logging, categorization, and analytics, optimizing backend performance by **35%**.
- Integrated **LangChain.js**, **RAG pipeline**, and **Gemini API** to enable **natural-language budget queries** and AI-driven insights.
- Implemented **JWT authentication** with **bcrypt** and **OTP email verification**, improving onboarding success by **25%**.
- [Live Link Here](#)

Netflix Clone | React.js, JavaScript, Redux, Tailwind CSS [🔗](#)

June 2025 – July 2025

- Built a Netflix-style streaming platform displaying **600+ movies** and **50+ trending series** with a fully responsive UI.
- Optimized search and state management, reducing API calls by **40%** and supporting **100+ concurrent users**.

Technical Skills

Languages: Python, JavaScript, Java, TypeScript, HTML5, CSS3, SQL

Frameworks / Technologies: React, Next.js, Redux, Node.js, Express.js, MongoDB, RESTful APIs, MERN Stack, Tailwind CSS

Developer Tools: Git & GitHub, VS Code, Postman, Chrome DevTools

Extra Curricular

- Active Member, **Innogeeks Technical Club** – Web Development
- Participated in technical hackathons including **SprintHacks 3.0** and **InnoTech-25**
- Participated in open-source contributions such as **WOC 5.0** and **GSSoC-25**