

VRINDAA TALWAR

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EDUCATION

Dwarkadas J. Sanghvi College of Engineering <i>B.Tech in Artificial Intelligence and Data Science</i>	Mumbai, Maharashtra <i>Aug 2024 – May 2028</i>
Heritage School Jammu <i>Higher Secondary Certificate (HSC)</i>	Jammu, Jammu and Kashmir <i>July 2022 – Apr 2024</i>
Heritage School Jammu <i>Secondary School Certificate (SSC)</i>	Jammu, Jammu and Kashmir <i>July 2010 – Apr 2022</i>

EXPERIENCE

Open Source Contributor <i>OpenCode'25</i> <ul style="list-style-type: none">– Redesigned authentication landing page– Revamped hero section and authentication UI with prism effect– Explored ways to visualize GitHub collaboration in a classroom setting	Dec 2025 – Jan 2026 <i>IIT Allahabad</i>
Open Source Contributor <i>Open Source Connect Global'26</i> <ul style="list-style-type: none">– Redesigned authentication landing page– Revamped hero section and authentication UI with prism effect– Explored ways to visualize GitHub collaboration in a classroom setting	Jan 2026 – Present

PROJECTS

Financial Wind Tunnel <i>React, PostgreSQL, TimescaleDB, Neo4j, Docker</i> <ul style="list-style-type: none">– Designed a deterministic financial simulation backend with bitemporal data modeling and no-look-ahead guarantees– Implemented JWT-based authentication with strict multitenancy and role-based access control (RBAC)– Built reproducible scenario simulations with dependency and contagion graphs– Created an interactive and visually appealing frontend	Dec 2025 – Present
AI-Powered Multitenant Retail Analytics Platform <i>React, Tailwind CSS</i> <ul style="list-style-type: none">– Team project (4 members); Role: Frontend Engineer, UI/UX Designer– Implemented frontend using React with a focus on clean and consistent UI– Designed user flows to make the product experience simple and intuitive	Nov 2025
AI Fake News Detection <i>Python, FastAPI, React, Git</i> <ul style="list-style-type: none">– Team project (4 members); Role: Frontend Engineer, UI/UX Designer, Frontend and Backend Integration– Coordinated development of a real-time fact-checking system, managing feature prioritization and technical requirements– Built RESTful API architecture using FastAPI with Tavily API and News API integration, and connected Gemini API for semantic analysis	Sept 2025

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript
Frameworks: Flask, Express.js, React
Styling / UI: Tailwind CSS, Material UI
Databases: PostgreSQL, TimescaleDB, Neo4j
Libraries: pandas, NumPy, Matplotlib
Developer Tools: Git, Docker, VS Code, Visual Studio