

Education

- **Bachelor of Technology (B.Tech) in Computer Science and Engineering**
Manipal University Jaipur *August 2022 – Present*
CGPA: 8.36
- **High School**
Delhi Public School, Vasant Kunj *April 2008 – May 2022*
Class 12: 90%
Class 10: 87%

Technical Skills

- PennyLane, TensorFlow, Agentic AI Frameworks, ReAct Framework, Python, JavaScript, SQL, Flask, ReactJS, Node.js, Express.js, MySQL, MongoDB, Git, CI/CD Pipelines, RESTful APIs, OAuth, Multer, Postman, HTML, CSS

Professional Experience

- **Summer Intern** *May 2025 – July 2025*
Dell Technologies, Bengaluru, India
Tech Stack: Python, Flask, reAct Agentic AI Framework, Langchain, Langgraph, REST APIs, MongoDB
 - Designed and deployed agentic AI workflows to automate supply chain operations, reducing manual effort by 70% and accelerating decision cycles.
 - Integrated intelligent agents into logistics platforms using REST APIs, enabling real-time query resolution and anomaly detection.
 - Collaborated across product and engineering teams to iteratively refine agent behavior through test-driven development and continuous feedback.
- **Full-stack Development Intern** *July 2024 – August 2024*
ThirdEye-AI (A JBM Group Company), Gurugram, India
Tech Stack: Node.js, Express.js, MySQL, React.js, Multer
 - Built a document management platform with secure file handling and RBAC-based API access, improving data governance and upload reliability.
 - Improved backend efficiency and maintainability by modularizing routes and optimizing SQL queries for faster retrieval.

Technical Projects

- **Disaster Reporting Tool** *ReactJS, NodeJS, ExpressJS, MySQL, GeminiAPI*
 - Built a location-based disaster reporting platform with real-time event verification using an ensemble validation algorithm.
 - Developed REST APIs and relational data models to enable efficient report storage, query, and filtering using MySQL.
- **Quantum-Enhanced LSTM Forecasting Model** *TensorFlow, PennyLane, Python*
 - Designed a hybrid LSTM time-series model with a custom Quantum-Enhanced Adam Optimizer, improving prediction accuracy by 7% on financial datasets.
 - Leveraged PennyLane quantum circuits to generate parameterized gradients for adaptive learning.
- **AI Code Review Agent** *Python, LangChain, Gemini API, GitHub API, Flask*
 - Developed an LLM-powered agent that automatically reviews GitHub pull requests, detecting bugs, performance issues, and logical flaws.
 - Implemented ReAct-style reasoning to suggest actionable code improvements, using contextual memory and real-time API triggers.
 - Integrated with GitHub webhooks for on-demand review automation in developer workflows.

Certifications

- Data Structures and Algorithms in Java — NPTEL (IIT Kharagpur)
- Software Testing — NPTEL (IIT Kharagpur)

Additional Skills

Languages: English, Hindi, German