

Rudra Patel

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Education

Vellore Institute of Technology, Bhopal, B.Tech (Computer Science)

- CGPA: 8.38/10.0

Projects

CorpFin - 360

- Led the integration of a React-based frontend with a Node.js backend and Python-driven ML services, establishing robust API communication channels and real-time data flow.
- Developed a comprehensive service abstraction layer and backend context for seamless API interaction, state management, and enhanced developer onboarding.
- Automated environment configuration and health monitoring, streamlining deployment workflows, and ensuring high system reliability

Air Arcade

- Developed a frontend application for remote game streaming and control sharing, enabling users to host and share PC gameplay to other devices.
- Designed interactive UI using React.js and WebRTC for live video streaming and control input capture, allowing remote players to play games.

Frontend Development Projects

- Developed responsive frontends for a shopping website, a chatbot interface, and a library management system using HTML, CSS, and TypeScript.

Technologies

Languages: Python, SQL, R(Basics), HTML, CSS, Typescript

Data Visualization: Advanced Excel, Power BI, Tableau

Technologies: AWS, DynamoDB, Wireshark, Metasploit, Nmap

Certifications

- **Wells Fargo Commercial Banking Job Simulation** (forage 2025)
- **Accenture Nordics Consultant Job Simulation** (forage 2025)
- **AWS APAC Solutions Architecture virtual experience program** (2025)
- **computer networking** (2024)

Extra-Curricular Activities

- **Mood Indigo, IIT Bombay**—Squad Member
- **MUN club, VIT Bhopal**—Volunteer
- **Igniters club, VIT Bhopal**—Volunteer

Dec 2023 – present

Mar 2024 – Jan 2025

Jan 2023 – Feb 2023