

Rudra Patel

Bhopal (M.P.) | 2004rudrapatel@gmail.com | +91 8817792219 | LinkedIn | GitHub

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 | <i>Dec 2023 – present</i> |
| • MUN club, VIT Bhopal—Volunteer | <i>Mar 2024 – Jan 2025</i> |
| • Igniters club, VIT Bhopal—Volunteer | <i>Jan 2023 – Feb 2023</i> |