

# Rudra Gupta

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🌐 Portfolio

## EDUCATION

2023 – Present	<b>B.Tech CSE (Core)</b> , Vellore Institute of Technology, Bhopal	CGPA: 9.11/10
2023	<b>Class XII</b> , Govt Model Sanskriti Sr Sec School, Jagadhri	80.8%
2021	<b>Class X</b> , St. Thomas School, Jagadhri	95.4%

## TECHNICAL SKILLS

<b>Frontend:</b>	HTML5, CSS, JavaScript, Figma, Tailwind CSS
<b>Backend:</b>	REST APIs, Django, MongoDB
<b>Languages:</b>	Java, C, C++, Python
<b>Cloud:</b>	Amazon Web Services (AWS)
<b>Core CS:</b>	Data Structures and Algorithms
<b>Developer Tools:</b>	Git, VS Code, Docker, Vercel, Onrender
<b>Databases:</b>	MySQL, SQLite

## PROJECTS

### Pahal Foundation Website [Live Link] [GitHub]

- Developed a Web platform for the Pahal Foundation, empowering underprivileged children.
- Built responsive front-end (HTML, CSS, JS) and secure back-end (Django, MySQL).
- Integrated AWS S3 for storage, Razorpay for payments, and deployed via Docker + Render.
- **Tech:** HTML, CSS, JavaScript, Python (Django), MySQL, AWS S3, Razorpay, Docker

### Track My Spend – Expense Tracker [GitHub]

- Desktop app to automate and simplify student expense tracking.
- Designed Tkinter GUI, MySQL backend and Twilio API for WhatsApp-based logging.
- Added data visualization (Matplotlib, Seaborn) and ML-based expense predictions.
- **Tech:** Python (Tkinter), MySQL, Pandas, Twilio API, Matplotlib, Seaborn, SMTP

### Decision Review System (DRS) [GitHub]

- Tkinter-based cricket DRS simulator with Out/Not Out video playback.
- Designed animations for decision pending and slow/fast replay features.
- Extended with OpenCV for ball tracking and analytics.
- **Tech:** Python (Tkinter), OpenCV, Pillow, Imutils

## ACHIEVEMENTS

- Elite Certification – NPTEL Introduction to Machine Learning. (IIT Madras, 2025)
- Cloud Computing 101 Badge – AWS Educate. (2025)
- Google Coursera – The Bits and Bytes of Computer Networking. (2024)
- Participated in the SolVIT Hackathon 2025, VIT Bhopal. (2025)

## ADDITIONAL

**Hobbies:** Enjoy listening to music, Passionate about playing cricket, Love playing chess.

**Soft Skills:** Teamwork, Leadership, Communication, Problem solving.

**Languages:** English, Hindi, Punjabi.