

# Rohit Sharma

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linkedin.com/in/rohit-sharma-b26200282 | my portfolio

## EDUCATION

<b>Techno Main Salt Lake</b> <i>B.Tech in Computer Science (AI &amp; ML) - CGPA: 8</i>	Kolkata, India 2022 – 2026
<b>DAV Kapildev Public School</b> <i>Higher Secondary, Percentage: 93.3%</i>	Ranchi, Jharkhand 2019 – 2021
<b>St. Francis School</b> <i>ICSE (X) Percentage: 95%</i>	Ranchi, Jharkhand 2019

## WORK EXPERIENCE

<b>Data Engineer Intern - Certificate - Appraisal</b> <i>Olcademy (Remote)</i>	Jan 2025 – Jul 2025
<ul style="list-style-type: none"><li>– Processed large volumes of raw external data into clean, structured formats. Powered application features and fueled analytical ML workflows.</li><li>– Built ETL pipelines for 13K+ restaurant records, reducing data sparsity from 56% to 15%.</li><li>– Rebuilt restaurant search and recommendation algorithm to include AI-driven quality filters and geo-spatial ranking, resulting in more relevant recommendations.</li><li>– Led and represented a team of 6 interns; mentoring newcomers on project workflows.</li><li>– <b>Recognized as “Rising Star Intern” by company for performance and contribution.</b></li></ul>	

## PROJECTS

<b>FocusHub – AI Study Platform</b>   <i>Django, WebSockets, Llama-3, Render</i>	Live Demo   GitHub
<ul style="list-style-type: none"><li>• Built a collaborative platform with live study rooms, WebSocket-based chats, and AI summaries.</li><li>• Integrated Llama-3 for multimodal assistant; included AI-powered doubt resolution and focus rooms.</li><li>• Added gamified dashboards (Pomodoro timer, streaks, productivity graphs).</li></ul>	
<b>IPL Match Predictor</b>   <i>FastAPI, XGBoost, Matplotlib, Render</i>	Live Demo   GitHub
<ul style="list-style-type: none"><li>• Engineered a custom player-form and ELO-based rating system to predict IPL match outcomes from 17 years of historical data</li><li>• Served predictions via FastAPI and deployed interactive dashboards for team, venue and player analysis.</li><li>• Achieved ~67% accuracy on unseen seasons with strict time-based validation</li></ul>	

## TECHNICAL SKILLS

- **Languages:** Python, SQL, Java
- **Web Development:** Flask, Django, FastAPI, REST APIs
- **Tools:** Git, Postman, Selenium, Pytest
- **Deployment:** Render, GitHub Pages
- **AI-ML:** Machine learning, Deep learning, Neural networks, Natural language processing, Data mining, LLMs
- **Libraries:** Pandas, Keras, TensorFlow, Scikit-learn, NumPy, Matplotlib, BeautifulSoup
- **CS Core:** OOP, DBMS, Computer Networks
- **Soft Skills:** Leadership, Team collaboration, Problem-solving, Communication, Adaptability

## CERTIFICATIONS & ACHIEVEMENTS

Udemy Certified – Advanced Python & Flask Web Development (2023) (Certificate)  
Top 10 Finalist – TechAI Hackathon 2024 (Proof)  
Smart India Hackathon 2024 Internal round Finalist (Proof)  
Open Source Contributor – Python API/Automation Toolbox (GitHub)  
Udemy Certified - Machine learning in Python (2023) (Certificate)