

Sakshi Sharma

Contact – 7828386877 LinkedIn: - [Linkedin/Sakshi Sharma](#)
GitHub :- [github.com/sakshiiii26](#) leetcode:- [leetcode/sakshiiii_26](#)
Email: -sakshi26sharma56@gmail.com twitter: - [x.com/26_Sakshiiii](#)



EDUCATION: -

B. Tech in Data Science (2023–2027)

IES IPS Academy, Indore

CGPA 9+

12th Grade (2022): - Karnataka Vidya Niketan

11th Grade and Earlier: - Daily Mirror Public Higher Secondary School

ABOUT

Experienced in developing AI-driven solutions with hands-on expertise in machine learning, predictive modeling, and real-time data systems. Experienced in building end-to-end AI solutions for domains including fraud detection, computer vision, and disaster response. Committed to leveraging data-driven intelligence to solve complex, real-world problems.

WORK EXPERIENCE

Ministry of Power (Govt. Project) – June 2025 – Present

Working on a 6-month government-backed project focused on AI applications in the energy sector. Collaborating with a team of ML engineers and Django developers to build scalable, data-driven solutions for power infrastructure optimization.

Data Analytics Virtual Experience, Deloitte Australia (Forage) – April 2025

Completed a simulation involving data analysis and forensic tech; built a Tableau dashboard and used Excel for data classification and business insights.

PROJECTS

- **Portfolio:** Demonstrating all projects [link](#)
- **Autonomous Vehicle for Calamity Rescue (AVCR):** An ML-powered system deployed on Jetson Nano to assess survivability in disaster-hit, confined spaces. Uses real-time sensor data and models like Isolation Forest, LSTM, and Random Forest for detection, prediction, and classification. [link](#)
- **Amazon Sales ML:** Regression model (Python, scikit-learn) predicting sales from discounts; integrated with Power BI. [link](#) EDA + Power BI dashboard highlighting sales trends, returns, and customer behavior. [link](#)
- **Subsidy fraud detection:** Developed an AI-powered system to detect fraudulent subsidy claims using pattern analysis, anomaly detection, and classification models. [link](#)
- **Pothole Detection:** Built a computer vision solution using YOLO and OpenCV to detect potholes from street-level images. Aims to support smart infrastructure management and automated road safety monitoring.

ACHIEVEMENTS

- Winner of **Techno Maths Presentation** [link](#)
- Winner of **Science Exhibition 2024** [link](#)
- **NEC (National Entrepreneurship challenge) Finalist** [link](#)
- **Certificate of Merit:** Ranked in the top 100 from IIT Bombay for completing the Campus Ambassador Program and securing a position in the top 100 on the global leaderboard [link](#).
- **CHESS INTER COLLEGE COMPETITION** Winner 2023 [link](#)
- **Participations:**
 - Hackathons:** - Hacksungum, GDSC Codespire, Pravah 3.0, Hackdata' 25, Build with India
 - Samsung Solve for Tomorrow, Flipkart Grid 6.0 (Robotics)

SKILLS

- **Technical Skills:** Python, Machine Learning, OpenCv, SQL, MS-Excel, PowerBI, HTML, CSS, Bootstrap, C, C++, Java(core)
- **Soft Skills:** Problem-solving, calm under pressure, leadership, Presentations

CERTIFICATION

Quantum computing (CDAC)

Python tutorial (IIT Bombay) [link](#)

Java tutorial(IIT Bombay) [link](#)

Excel

LEADERSHIP AND EXTRACURRICULARS

Founder: E-Cell, IES IPS Academy

Event Lead: CoinDCX

Core Member: Bad Talks