SAKSHAM SHARMA

New Delhi, India — +91 99100 40036 — sakshamsharma6453@gmail.com

in linkedin.com/in/saksham-sharma

PROFESSIONAL SUMMARY

MCA student specializing in AI & ML with practical experience in Python, Machine Learning, data cleaning, pre-processing, and model development. Built an AI-powered college chatbot and a Python–MySQL attendance tracker. Hands-on with Generative AI, LLMs, LangChain, and AI Agents. Completed internship-style data analytics and visualization tasks. Trained at QSpiders in Python backend and web development (HTML, CSS, JavaScript, React). Strong analytical mindset and problem-solving ability; motivated to contribute to AI-driven projects.

EDUCATION

Master of Computer Applications (AI & ML)   *KR Mangalam University*
2025 – 2027   Pursuing..

Bachelor of Computer Applications (BCA)   *Maharaja Surajmal Institute*
2022 – 2025 — **CGPA: 8.902**

Senior Secondary (Class 12)   *Bal Bharati Public School*
2020 — **Percentage: 91%**

Secondary (Class 10)   *Bal Bharati Public School*
2022 — **Percentage: 74%**

PROJECTS

ASKMSI – AI College Chatbot   *Python, Gemini AI*

- Developed a chatbot to answer real-time student queries using Gemini AI and intent-based NLP.
- Implemented context-aware response handling to reduce repetitive administrative queries.
- Designed a lightweight interface ensuring low response latency and maintainability.

Student Attendance Tracker   *Python, MySQL, OOP*

- Built a CRUD-based attendance system with student registration, daily logs and monthly reporting.
- Implemented OOP modular design for ease of maintenance and reliable data storage with MySQL.
- Automated reporting to minimize manual errors in attendance records.

TECHNICAL SKILLS

Programming: Python, C++
Machine Learning: Data Cleaning, Preprocessing, Feature Engineering, Supervised ML, Model Building
Generative AI: LLMs, LangChain, Vector Stores, Prompt Engineering, AI Agents
Web Development: HTML, CSS, JavaScript, React
Databases & Tools: MySQL, SQL, Jupyter Notebook, VS Code, GitHub, MySQL Client, MS Office, Canva, Figma

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INTERNSHIP & TRAINING EXPERIENCE

Python Full Stack Development Trainee   *QSpiders*
- Trained in Python backend, OOP, MySQL, API design and debugging.
- Developed frontend modules using HTML, CSS, JavaScript and React.

Data Science Virtual Intern   *Prodigy Infotech*
- Executed data preprocessing, feature engineering and exploratory model experiments

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CERTIFICATIONS

- **Data Analytics Virtual Program** — Accenture (Forage): Data cleaning, EDA and dashboard creation.
- **GenAI Foundation Course** — UpGrad x Microsoft: Generative AI, LLMs, LangChain, AI Agents.