

ARPITA JAISWAL

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PROFESSIONAL SUMMARY

Results-driven AI/ML Engineer specializing in Generative AI and Python development. Currently pursuing an MCA in AI & ML, blending analytical rigor with hands-on experience in architecting intelligent chatbot systems and scalable enterprise-grade software. Adept at leveraging modern AI stacks to solve complex problems and deliver production-ready code.

TECHNICAL SKILLS

AI/ML & NLP: Machine Learning, Generative AI, Prompt Engineering, NLP, RAG, Agentic AI.

Languages: Python (Expert), JavaScript, SQL.

Web/Backend: React.js, Node.js, FastAPI, REST APIs, HTML5, CSS3.

Tools/DB: Git, AWS (Basics), MySQL, SQLite, Jupyter, VS Code.

PROJECTS

Enterprise AI Chatbot Assistant

- Engineered an intelligent conversational AI platform supporting high-concurrency real-time query processing.
- Optimized API-based backend logic to achieve a 20% improvement in response accuracy and natural conversational flow.

Automated Smart Expense Tracker

- Developed a robust CLI-based application for automated expense categorization and financial data tracking.
- Automated data processing workflows using advanced Python file handling and custom data structures to increase storage efficiency.

College Web Portal (Enterprise Web Application)

- Engineered a responsive, scalable web portal to centralize academic resources and student information management.
- Optimized front-end performance by implementing efficient DOM manipulation and asynchronous data fetching.

EDUCATION

Master of Computer Applications (MCA) | AI & ML | Amity University | 2023–2025 | CGPA: 8.61/10

B.A. (Computer Applications & Mathematics) | University of Delhi | 2020–2023 | CGPA: 8.56/10

CERTIFICATIONS & ACHIEVEMENTS

- Certifications: Python Programming, AI & Machine Learning, SQL, Generative AI Fundamentals.
- Awards: Recipient of multiple Academic Excellence Awards; consistently ranked among top-performing students.