Ishika

Rohini, Delhi

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Summary

Motivated third-year Computer Science undergraduate specializing in Data Science. Experienced in building ML, DL and GenAI-based solutions, with strong foundations in DSA and a passion for real-world applications.

Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL
ML & AI: TensorFlow, PyTorch, Scikit-learn, NLP, ANN, CNN, LangChain
Tools & Tech: Flask, FastAPI, MySQL, Power BI, OpenCV, Mediapipe, Streamlit
Soft Skills: Problem-solving, Teamwork, Fast Learner, Project Management

Education

Sharda University, Greater Noida Aug 2023 – May 2027
B.Tech in Computer Science (Data Science & Analytics) CGPA: 9.53/10
100% Merit Scholarship (2023-24, 2024-25, 2025-26)

St. Giri Sr. Sec. School, Delhi 2022 – 2023
CBSE Class XII Aggregate: 95.6%

Work Experience

Bajaj Capital Ltd. May 2025 – July 2025
Data Analyst Intern

- Developed Python logic for an automated folio status checker system to streamline workflows.
- Designed and built an interactive Power BI dashboard for insightful business visualizations.
- Tech stack: Python, Power BI, Automation, Data Analysis.

Projects

- **SQL Query Generator (LLM):** Built a natural language interface that converts user queries into executable SQL statements using LangChain. Integrated the tool with a relational database to enable real-time retrieval, insertion, and deletion of data. Improved accessibility for non-technical users and enhanced productivity in database interactions. *LangChain, Python, SQL, Streamlit*
- **Handwritten Digit Recognition (CNN):** Developed a Convolutional Neural Network model on the MNIST dataset to classify digits (0–9) with 98% accuracy. Designed and deployed the model with an interactive UI for real-time handwritten digit prediction. *TensorFlow, Keras, Python*
- **PDF-Based RAG Query App:** Implemented a Retrieval-Augmented Generation pipeline that extracts context from uploaded PDFs and provides precise answers to user queries in natural language. Enhanced search efficiency by integrating embeddings and vector databases for quick document retrieval. *LangChain, Python, FAISS*
- **Quiz Generator:** Designed an automated system that transforms any text input into well-structured quizzes using LLMs. Integrated with Streamlit for an interactive frontend, enabling educators and students to generate customized quizzes instantly. *LangChain, Python, Streamlit*
- **AI-Powered Chatbot:** Developed a multi-session chatbot using Flask and LangChain to answer domain-specific queries. Added secure authentication via Google OAuth, session tracking, and database persistence with SQLAlchemy. Deployed an intuitive UI for seamless user interaction. *Flask, LangChain, SQLAlchemy, OAuth, HTML/CSS*

Achievements & Hackathons

- Technovation Hackathon 2025 – **3rd Prize (Theme Winner)**
- Sustainathon Hackathon – **Grand Finalist**
- Technokrats 2024 – **3rd Prize (DSA Challenge)**
- Smart India Hackathon – Qualified internal rounds 1 & 2 (ongoing)

Certifications

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- Data Science – Udemy
- Career Essentials in Data Analysis – Microsoft & LinkedIn