Ishika

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Professional Summary

Third-year Computer Science student with a strong interest in web development, data structures and algorithms, machine learning, and AI-driven applications. I enjoy building hands-on projects that solve real-world problems, leveraging tools like Python, web development frameworks, deep learning, and cloud technologies. I am continuously learning and experimenting to enhance my technical skills through self-driven initiatives, research, and practical project work.

Experience

Bajaj Capital Ltd. IT Intern   May 2025– June 2025

- Designed and implemented Python-based automation to check folio status, reducing manual verification effort.
- Worked on MYSQL queries over oracle database.
- Collaborated with the analytics team to clean, transform, and streamline large datasets for analysis.

Technical Projects

GenAI-Enabled E-Commerce Platform (Shopzy) (Tech Stack - Django, SQLite , CSS, JavaScript, Langchain, LLMs, RAG)

- Designed and built a production-style full-stack e-commerce system with authentication, role-based access, order lifecycle management, and mock payment flows.
- Implemented separate buyer and seller dashboards, enabling sellers to manage products and users to track orders end-to-end.
- Architected an LLM-powered RAG chatbot using LangChain to answer product, order, and policy-related queries grounded in platform data.
- Built document-based retrieval pipelines using vector search to improve response accuracy and reduce hallucinations in LLM outputs.
- **GitHub:** ⊕ GitHub - 18Ishika/E_Commerce_Website

Quiz Generator | Python , Flask ,Langchain

- Designed and developed an AI-powered quiz generation platform that creates topic-based quizzes dynamically using LangChain and Google Gemini, enabling personalized learning and assessment experiences.
- Implemented configurable quiz parameters including difficulty level and question count, along with quiz-sharing functionality and response submission tracking for users.
- Built secure Flask-based backend workflows with validation using Pydantic, database-backed quiz storage, and structured JSON-based question generation pipelines.
- Deployed the application with Postgres support, ensuring reliable quiz persistence, result logging, and smooth end-to-end quiz lifecycle handling.
- GitHub: ⊕ GitHub - 18Ishika/Quiz-Generator: Personalized quiz generator using Langchain and Flask

ETL Pipeline on AWS | Python, AWS S3, Snowflake, DBT

- Developed an end-to-end ETL pipeline to extract, transform, and load structured data from S3 into Snowflake data warehouse .
- Worked with DBT for performing data modeling and transformations.
- Utilized medallion architecture and OBT for efficient reporting.
- GitHub: ⊕ GitHub - 18Ishika/Data-Engineering-pipeline-

Education

Sharda University *2023 - 2027*

B.Tech in Computer Science Engineering, CGPA: **9.5/10.0**

- High-achieving, proactive student, consistently maintaining strong academics.

Senior Secondary School *2021 - 2023*

Class 12: **95.6%** | Class 10: **93%**

Technical Skills

Languages & Frameworks: Python(Advanced), Java, HTML, CSS, JavaScript, SQL ,PHP (basics)

AI/ML Stack: TensorFlow, PyTorch, Computer Vision, NLP ,Langchain , PowerBI

Cloud & DevOps: Amazon Web Services (AWS) , Docker , Git

Development: System Design, Data Structures and Algorithms, Database Management (MYSQL, Postgres)

Soft Skills: Problem-Solving, Analytical Thinking, Team Collaboration, Communication

Notable Achievements

- Solved 360+ problems on **LeetCode**, achieving a contest rating of **1500**.
- **Technovation Hackathon 2025** — 3rd Prize (Theme Winner).
- **Technokrats 2024** — 3rd Prize (DSA Challenge).
- Awarded **100% academic scholarship** for all three years of undergraduate studies.
- Completed certifications:
    i. **Data Science** — Udemy
    ii. **Career Essentials in Data Analysis** — Microsoft & LinkedIn
    iii. **Java Foundations** — Oracle Academy
    iv. **AI Foundations Associate** — Oracle Academy