

Education		
Bachelor of Science in Computer Science	2024 – 2027 (Expected)	
Sam Higginbottom University of Agriculture, Technology & Sciences	CGPA: 9.94 / 10	
Prayagraj, India		
Class XII – PCM (CBSE)	2024	
DPS Mewat Model School, Nuh	81%	
Class X (CBSE)	2022	
DPS Mewat Model School, Nuh	87%	

Projects	
Barnaby: Empathetic Memory Engine	GitHub
- Developed a persona-driven AI companion utilizing advanced Python logic for semantic memory retrieval and episodic extraction. - Implemented a dual-tier memory system using NumPy for cosine similarity calculations, demonstrating expertise in high-performance Python data handling. Tech Stack: Python, Flask, Gemini API, NumPy, SQLite	
Resume Match AI	GitHub
- Architected an intelligent resume parser and semantic search index in Python. - Designed the end-to-end pipeline using SentenceTransformers and TF-IDF for keyword matching and semantic alignment analysis, proving capabilities in NLP and backend workflow automation. Tech Stack: Python, Streamlit, SentenceTransformers, TF-IDF	
AI-Powered Loan Approval Prediction System	LiveApp
- Built a robust ML pipeline using Scikit-learn and Pandas for end-to-end data processing and model deployment. - Optimized the backend infrastructure with Flask to serve real-time financial inferences, showcasing professional-grade Python backend development. Tech Stack: Python, Scikit-learn, Pandas, NumPy, Flask, Joblib	

Skills Summary	
Python Proficiency: Intermediate in Backend Development (Flask/FastAPI), Asynchronous Programming, and Scripting. Data & ML Ecosystem: Scikit-learn, Pandas, NumPy, SentenceTransformers, TF-IDF. Backend & API: RESTful API Architecture, OAuth, Web Server Deployment (Gunicorn/Uvicorn). Database & Data: PostgreSQL, SQLite, Database Schema Design, SQL. DevOps & Tools: Git, GitHub, Docker, Postman, CI/CD Cloud Deployment (Railway/Render). Core Concepts: OOP, Data Structures, System Security, Asynchronous Processing.	

Certificates & Awards		
Python for Data Science & ML (Part 1 & 2)	– LinkedIn Learning	2026
Introduction to Python: Learn to Program	– LinkedIn Learning	2026
Google Advanced Data Analytics	– Coursera	2026
Microsoft Azure AI Engineer Associate (AI-102) Prep	– LinkedIn	2026
Sustainable Resource Management (Grade A)	– IIT Guwahati	2025

Positions of Responsibility		
Event Coordinator	– High Level Political Summit on Cancer Care, SHUATS	Feb 2025
<i>Contributed to coordination efforts for a two-day international summit, assisting in managing event logistics, scheduling, and participant coordination while working closely with faculty members and delegates.</i>		