



B.Tech Computer Science Nation Service Scheme Technical Trainee Python DevOps Amazon Web Services Machine Learning			
EDUCATION			
B. Tech (CSE)	Khwaja Moinuddin Chisti Language University, Lucknow	8.29/10	Pursuing (2027)
Class XII (Science)	Dayawati Modi Academy, Rampur	70%	2023
Class X	St. John Vianney School, Rampur	92.2%	2021
WORK EXPERIENCE			
Technical Trainee Dhex Mediatech Pvt. Ltd. Link	• Built and deployed custom ML models (TensorFlow, PyTorch) on AWS (EC2, SageMaker) using Docker , with scalable, low-latency endpoints. • Integrated LLMs & Generative AI APIs (OpenAI, Cohere) with real-time web access and agent web scrapping.		Nov 2023 – Oct 2024
POSITIONS OF RESPONSIBILITY			
Member National Service Scheme KMCLU	• Enabled tech-driven coordination of NSS events using Google Forms, QR codes , and digital communication tools for efficient volunteer management and real-time tracking. • Participated in village outreach programs , conducting awareness drives on sanitation, healthcare, and government schemes through interactive sessions and street plays. • Contributed to national initiatives like Swachh Bharat, Fit India, and Poshan Abhiyaan; assisted in organizing blood donation camps, health check-ups , and plantation drives .		Dec 2024 – Present
TECHNICAL SKILLS			
Languages	• Python, C++, HTML, CSS, JavaScript		
Skills	• LangChain, Beautiful Soup, SQL, OpenCv, Pandas, Prompt Engineering		
Cloud & DevOps	• AWS, Docker		
Machine Learning & AI	• TensorFlow, PyTorch, Scikit-Learn, NLP, Hugging Face, Deep Learning, LLM		
Tools & Environments	• Git, GitHub, Windows		
KEY PROJECTS			
LangChain Search Agent Link	• Built a modular LLM system using LangChain, OpenAI GPT-4 , and a Streamlit interface , enabling live web scraping (via BeautifulSoup) and context-aware question answering. • Improved performance with PromptLayer optimization and adaptive re-prompting for intelligent document summarization , research, and custom Q&A.		
Internship Recommendation system using MiniLM / Flan-T5 Link	• Developed an AI-powered internship recommendation system utilizing MiniLM embeddings and Flan-T5 to match student profiles with internship opportunities, enhancing placement accuracy. • Implemented a multi-modal recommendation pipeline integrating resume parsing, job description analysis, and semantic similarity scoring to deliver personalized internship suggestions.		
CERTIFICATIONS & ACHIEVEMNETS			
Use Generative AI for Software Development IBM SkillsBuild	• Gained hands-on experience in integrating generative AI models into real-world software applications. Learned how to use APIs like OpenAI, fine-tune prompts, and apply AI for tasks such as code generation, testing automation, and intelligent software design.		
Python Coding and Programming Samsung Innovation Campus	• Completed <i>Samsung Innovation Campus</i> training focused on Python programming, data structures, and algorithmic thinking, gaining practical coding skills and real-world problem-solving experience.		