



# ABHIMANYU SINGH | MALE, 20 Years

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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. <a href="#">Link</a>	<ul style="list-style-type: none"><li>Built and deployed <b>custom ML models</b> (TensorFlow, PyTorch) on <b>AWS (EC2, SageMaker)</b> using <b>Docker</b>, with scalable, low-latency endpoints.</li><li>Integrated <b>LLMs &amp; Generative AI APIs</b> (OpenAI, Cohere) with <b>real-time web access</b> and agent web scrapping.</li></ul>	Nov 2023 – Oct 2024	
POSITIONS OF RESPONSIBILITY			
Member National Service Scheme KMCLU	<ul style="list-style-type: none"><li>Enabled <b>tech-driven coordination</b> of NSS events using <b>Google Forms, QR codes, and digital communication tools</b> for efficient volunteer management and real-time tracking.</li><li>Participated in <b>village outreach programs</b>, conducting <b>awareness drives</b> on sanitation, healthcare, and government schemes through <b>interactive sessions</b> and street plays.</li><li>Contributed to <b>national initiatives</b> like Swachh Bharat, Fit India, and Poshan Abhiyaan; assisted in organizing <b>blood donation camps, health check-ups, and plantation drives</b>.</li></ul>	Dec 2024 – Present	
TECHNICAL SKILLS			
Languages	<ul style="list-style-type: none"><li>Python, C++, HTML, CSS, JavaScript</li></ul>		
Skills	<ul style="list-style-type: none"><li>LangChain, Beautiful Soup, SQL, OpenCv, Pandas, Prompt Engineering, Machine Learning, Data Science, NumPy, Matplotlib</li></ul>		
Cloud & DevOps	<ul style="list-style-type: none"><li>AWS, Docker, Kubernetes</li></ul>		
Machine Learning & AI	<ul style="list-style-type: none"><li>TensorFlow, PyTorch, Scikit-Learn, Natural Language Processing, Hugging Face, Deep Learning, Large Language Models</li></ul>		
Tools & Environments	<ul style="list-style-type: none"><li>Git, GitHub, Windows</li></ul>		
KEY PROJECTS			
LangChain Search Agent <a href="#">Link</a>	<ul style="list-style-type: none"><li>Built a modular LLM system using <b>LangChain, OpenAI GPT-4</b>, and a <b>Streamlit interface</b>, enabling live web scraping (via <b>BeautifulSoup</b>) and context-aware question answering.</li><li>Improved performance with <b>PromptLayer optimization</b> and adaptive re-prompting for intelligent <b>document summarization</b>, research, and custom Q&amp;A.</li></ul>		
Internship Recommendation system using MiniLM / Flan-T5 <a href="#">Link</a>	<ul style="list-style-type: none"><li>Developed an AI-powered internship recommendation system utilizing <b>MiniLM</b> embeddings and <b>Flan-T5</b> to match student profiles with internship opportunities, enhancing placement accuracy.</li><li>Implemented a multi-modal recommendation pipeline integrating resume parsing, job description analysis, and semantic similarity scoring to deliver personalized internship suggestions.</li></ul>		
CERTIFICATIONS & ACHIEVEMENTS			
Use Generative AI for Software Development <a href="#">IBM SkillsBuild</a>	<ul style="list-style-type: none"><li>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.</li></ul>		
Python Coding and Programming <a href="#">Samsung Innovation Campus</a>	<ul style="list-style-type: none"><li>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.</li></ul>		