

Nitika Bahl | Female, 21

Computer Science Engineering from Chandigarh University, Mohali Punjab				
EDUCATION				
B.E.	ComputerScience&Engineering	ChandigarhUniversity,MohaliPunjab	7.75/10	2022-25
ClassXII	Science&Maths	S.D.VidyaMandirSchool,Panipat	93.6%	2021-22
ClassX	Science&Maths	S.D.VidyaMandirSchool,Panipat	91.6%	2019-20
WORK EXPERIENCE				
Engineering Intern/training	<b>Introduction to Generative AI</b> for Centre of Development of Advanced Computing (CDAC), Mohali <b>AI Methodologies:</b> <ul style="list-style-type: none"><li>Engineered a robust understanding of various AI methodologies, including GANs (Generative Adversarial Networks) and transformer models.</li><li>Facilitated the practical implementation of 3 major projects utilizing these methodologies.</li></ul> <b>GenerativeAIMastery:</b> <ul style="list-style-type: none"><li>Mastered advanced concepts in Generative AI, focusing on deep learning techniques and neural networks.</li><li>Successfully implemented andt rained 5 unique AI models, demonstrating advanced capabilities in predictive analytics.</li></ul> <b>Supervisors:</b> Gulbadan Khehra (project engineer) CDAC, Mohali Punjab			2024
TECHNICAL SKILLS				
<b>Programming Languages:</b> Python <b>Packages, Frameworks and Tools:</b> Numpy, Pandas, Matplotlib PyTorch, tensorflow, NLTK, keras etc. <b>Domain Knowledge:</b> Data Manipulation and Analysis, Data Visualization, Scientific Computing, Machine Learning and Deep Learning,Natural Language Processing,Additional Libraries and Tools.				
PROJECTS				
Academic Projects	<b>Ask my PDF</b> <ul style="list-style-type: none"><li><b>AI PDF Extraction Tool:</b> Created a tool that extracts and interacts with information from PDFs, reducing document review time by 25%.</li><li><b>InteractiveAIChatbot:</b>Developed a chatbot for interactive PDF conversations, improving query response times by 40% and boosting user satisfaction.</li><li><b>Skills:</b> NLP· MachineLearning· Python· GenerativeAI· LangChain· HuggingFace</li></ul> <b>Image Filters with ML/DL:</b> <ul style="list-style-type: none"><li>Developed machine/deep learning- based image filters for enhancing video professional photo.</li><li><b>Applications:</b>Used extensively in social media apps for creating trending and unique content.</li><li><b>Skills:</b>C,C++,Python,SQL· AI</li></ul> <b>Emma - Voice-Based Chatbot</b> <ul style="list-style-type: none"><li>Developed a voice-based AI chatbot that enhances traditional chatbot mechanism using a relational database model and algorithms for Extension and Prerequisite.</li><li><b>Skills:</b>C,C++,Python,SQL· GenerativeAI· Chatbots· AI</li></ul>			2024
				2023
				2022
Accomplishments	<ul style="list-style-type: none"><li><b>Research Paper</b> published in ITIDSIND2024 conference.</li><li><b>Topic:</b> Image Noise Prediction and Reduction Techniques</li><li>Predicts <b>five types of noises</b> in images, namely -Gaussian -Poisson -Speckle -Shot -Quantization</li></ul>			2024
Certifications	<ul style="list-style-type: none"><li><b>Courses</b> on GenerativeAI, MachineLearning, and Deep learning and several other certifications through linkedIn and coursera.</li></ul>			2022-24
EXTRA-CURRICULAR ACTIVITIES				
SocialImpact	<ul style="list-style-type: none"><li><b>completed a social internship</b> and met people to know their problems and find solutions for particular problems faced by them.</li></ul>			
Sports	<ul style="list-style-type: none"><li>Medalist in Race,Skating and Basketball at School level</li></ul>			
Network&Int.	<ul style="list-style-type: none"><li>Linkedin <b>5,00+</b> connections   <b>Interests:</b> Entrepreneurship, Outdoor Sports like Cricket, Badminton etc.</li></ul>			