

EDUCATION

ABES Institute of Technology, *Ghaziabad*.
B.TECH in Computer Science and Artificial Intelligence

July 2021 - July 2025
75%

TECHNICAL SKILLS

Languages: Python, SQL

Framework: Streamlit, FastAPI

Database: MySQL

Other skills: Machine Learning, NLP, Web Scraping, OOPs, Langchain, Data Cleaning, Analytics, Data Visualization, Advanced Excel, Power BI, and Communication.

Libraries: NumPy, Pandas, Matplotlib, Seaborn, Streamlit, Sci-kit learn, Selenium.

INTERNSHIP

Data Visualization intern, Anudeep Foundation.

July 2024 - Sep 2024

- Developed interactive dashboards and reports using Power BI, enabling data-driven decision-making by visualizing complex datasets.
- Utilized Python, Excel, and SQL for data extraction, transformation, and analysis, streamlining data processes and creating insightful visualizations.
- Enhanced business insights by creating customized visualizations and automated reporting solutions, improving overall efficiency and data accessibility.

PROJECTS

Job Recommendation System (NLP, Sci-kit learn, Django, HTML, CSS)

Jan- 2025

- Developed a job recommendation system that fetches job opportunities from various online platforms based on a user's uploaded resume.
- Utilized Sci-Kit Learn to implement machine learning models and text processing.
- Leveraged NLP techniques and latent Semantic Analysis (LSA) to analyze and match users' resumes with job descriptions.
- Applied ontology-based approaches and cosine similarity to identify the best-fit job recommendation.

A/B Testing and Campaign Performance Analysis (Pandas, NumPy, Sci-kit learn)

Dec-2024

- Conducted a comprehensive A/B testing project to evaluate and optimize marketing campaign performance.
- Analyzed user engagement matrices across control and test campaigns, including website clicks, content viewed, and purchases.
- Derived actionable insights by comparing conversion rates and sales effectiveness of campaigns using advanced data visualization and statistical analysis tools like Plotly and Pandas.
- Recommended campaign-specific strategies for targeted product marketing and audience engagement, leading to improved decision-making for marketing efforts.
- Designed visually impactful charts, such as scatter plots and sunburst diagrams, to communicate findings effectively.

AI Blog-Craft (Stream-lit, Gemini API)

Oct-2024

- Developed an AI-powered blog writing application using Stream-lit and Gemini.
- The application generates blog content by inputting a topic and a user-defined word limit.
- Dynamically adapts content length based on the specified rate limit, providing customizable and efficient AI-generated content.

CERTIFICATIONS

- Basics of Computer Vision and CNN-Microsoft
- Data Analytics and Visualization- Anudeep Foundation
- Core Java and Object Oriented Programming- ABESIT

INTERESTS

Problem Solving, Machine learning and Data Science