

Muskan

Jalandhar, Punjab 144003

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TECHNICAL SKILLS

- Programming Languages:** C++, Python, C
- Databases:** MySQL
- Developer Tools:** : GitHub, Power BI, Google Colab, VSCode
- Cloud Technologies:** Microsoft Azure
- Frameworks/Libraries:** HTML, CSS, Flask, Machine Learning (ML), Pandas, Seaborn, Numpy, Scikit-learn
- Soft Skills:** Leadership, Effective Communication, Problem Solving

EXPERIENCE

Junior Data Analytics Trainer | Coding Superstar

March 2024 - November 2024

- Instructed over 25 non-IT professionals in essential data analytics topics such as SQL, Python, and its libraries, delivering more than 50+ hours of comprehensive lectures.
- Conducted practical coursework and online sessions, ensuring a clear and approachable presentation of topics tailored to suit the learners' perspective and improve their understanding.
- Enhanced communication and mentorship skills by fostering regular interaction, providing personalized guidance, and creating an engaging and supportive learning environment.

Business Analyst Intern | FutureNSE Technologies

June 2024 – August 2024

- Led a team of 7 to develop a full-stack project using Flask, integrating GenAI features that enhanced functionality and reduced processing time by 20%.
- Analysed real-time data provided by FutureNSE for the USA Pathway Program, focusing on data cleaning, EDA, and pre-processing to extract key business insights and support decision-making.
- Built an interactive dashboard and maintained data pipelines using Azure Data Lake, ensuring efficient real-time data processing and delivering a detailed explanatory video for stakeholders.

PROJECTS

End-to-End Data Pipeline for Real-time Sales Analysis | Azure Data Lake, Databricks, Power BI

November 2024 – December 2024

- Engineered a robust data pipeline that seamlessly integrates multiple APIs to fetch real-time sales data, storing raw data in Azure Data Lake via Azure Data Factory (ADF) for secure and scalable storage.
- Transformed and enriched data in Databricks across multiple layers (Bronze to Silver to Gold), utilizing Azure Synapse Analytics for efficient data warehousing and advanced SQL pool views.
- Designed interactive Power BI dashboards to provide real-time insights and detailed analysis of sales data.

FutureNSE-USP | Python, Power BI, Azure Data Lake

July 2024 – August 2024

- Analysed the real-time data of FutureNSE's USA Pathway Program, performing data cleaning, exploratory data analysis (EDA), and pre-processing to ensure data quality and extract actionable insights.
- Developed a comprehensive Power BI dashboard to visualize product analysis, candidate success rates, and dropout rates, aiding in strategic decision-making.
- Maintained data pipelines using Azure Data Lake for efficient real-time data processing, and delivered a detailed explanatory video for stakeholders.

LuxeVoyage | Flask, Supabase, CrewAI, LangChain, HTML, CSS, Bootstrap

June 2024

- Designed and implemented LuxeVoyage, a web application leveraging Gen AI to enhance the travel booking experience. The platform provides users with flight details, hotel information, and trip itineraries based on prompts, utilizing CrewAI and RapidAPI for data retrieval.
- Focused on optimizing response time, currently reducing the output generation time from 40 seconds to improve user experience.

ACHIEVEMENTS

- Adeptly resolved 800+ problems on [LeetCode](#), [GeeksforGeeks](#), and [Codeforces](#)
- Secured a top rank of 1817 in the prestigious [TCS CodeVita](#) Season XI coding competition.
- Earned the Microsoft Certified: Azure Data Engineer Associate certification

EDUCATION

Lovely Professional University

Bachelor of Technology - Computer Science and Engineering (Specialization: AI and Data Engineering)

Course Work: Object Oriented Programming, Data Structures and Algorithms, Machine Learning, Data Analysis

since 2022

CGPA: 8.92/10