

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, Docker
- 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 and Data Engineer | Coding Superstar

March 2024 - November 2024

- Achieved a 100% course completion rate by delivering 60+ hours of technical training to 30+ non-IT professionals, covering SQL, Python, and end-to-end data analysis.
- Led Azure certification programs (DP-203 and DP-900), covering data fundamentals, Data Factory, Databricks, and Synapse Analytics, resulting in 5 professionals certifying in DP-203 and 80%+ passing DP-900.
- Drove 40% skill improvement (pre-/post-assessments) and maintained 4.8/5 satisfaction scores through hands-on labs, tailored mentoring, and interactive learning sessions.

Data Engineer Intern | FutureNSE Technologies

June 2024 – August 2024

- Led a 7-member team in developing a GenAI-powered Flask application using CrewAI, reducing processing time by 20% and implementing automated workflows that handled 100+ daily requests.
- Spearheaded analysis of 100K+ records across sales, marketing, and finance domains, increasing campaign ROI by 15% through data-driven optimizations of candidate application flows (application-to-intake conversion)
- Engineered Azure data pipelines (Data Factory→Synapse) improving data latency by 25% and enabling real-time Power BI analytics that boosted ROAS by 18%.

PROJECTS

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

November 2024 – December 2024

- Built a high-volume sales data pipeline processing 50K+ daily transactions from multiple sources into Azure Data Lake (Parquet), reducing storage costs by 40% while implementing Azure Key Vault for secure credential management.
- Transformed raw data into analytics-ready insights using Databricks (Bronze→Silver→Gold) and Synapse SQL pools, improving query performance by 60% and enabling daily executive dashboards with 15-minute latency
- Created automated sales dashboards in Power BI that replaced manual reporting, saving 10+ hours weekly.

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

July 2024 – August 2024

- Processed and analyzed 100K+ records across sales, marketing, and finance domains, performing advanced EDA and data cleaning that improved dataset quality by 30% (measured by reduced null values) and identified key dropout patterns
- Engineered Azure Data Lake pipelines (Data Factory → Synapse) that reduced processing latency by 25%, enabling real-time tracking of candidate conversion rates from application to intake
- Developed a strategic Power BI dashboard tracking program KPIs (success rates, dropout trends), adopted by leadership to optimize recruitment strategies and improve candidate outcomes

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

June 2024

- Architected an AI-powered travel booking platform using CrewAI and RapidAPI integration that processes complex user prompts to deliver personalized flight/hotel/itinerary recommendations.
- Reduced AI response times from 60s to 40s (33% faster) through API call optimization and efficient prompt engineering in CrewAI

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: 8.94/10