

# AMAN BHAWSAR

Bhopal , Madhya Pradesh 462041

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## Education

Centre for Development of Advanced Computing[CDAC]

Post Graduation Diploma in Big Data Analytics - 63.44%

Aug 2024 – Feb 2025

Pune, Maharashtra

Medi-Caps University , Indore

Bachelor of Technology in Computer Science & Engineering - [AI] - 8.1/10

Aug 2020 – Jun 2024

Indore, Madhya Pradesh

Christ Senior Secondary School , Guna

12th [PCM] - 78%

2020

Guna, Madhya Pradesh

Christ Senior Secondary School , Guna

10th - 88%

2018

Guna, Madhya Pradesh

## Technical Skills

**Programming Languages:** C++, Python, R

**Database:** MySql, MongoDB(Basic)

**Data Visualization Tools:** Tableau, Excel

**Big Data Technologies:** Hadoop, PySpark, Hive, Kafka, Airflow

**Operating Systems:** Windows, Linux

**Others:** OOPs, DBMS, Neural Networks, AWS, Cloud Computing

## Projects

Bank Nifty Price Prediction Using Machine Learning and Deep Learning |

Nov 2024 - Feb 2025

- Tech Stack : **Python, Machine Learning, Pandas**
- Developed an **advanced time-series forecasting model** for **Bank Nifty price prediction** by integrating **machine learning and deep learning (LSTM)** techniques.
- Performed **comprehensive data preprocessing** and **feature engineering** to optimize model performance.
- Achieved a **significant improvement in prediction accuracy** over traditional models, demonstrating expertise in **financial data analysis**.
- Implemented **data cleaning and preprocessing techniques** to improve data accuracy for downstream analytics.

Indian Railways Train Insight Analysis - ETL |

Jan 2025 - Feb 2025

- Tech Stack : **DataBricks , PySpark , SQL**
- Developed an **ETL pipeline** to **collect, clean, and organize raw IRCTC train data**, ensuring structured and high-quality dataset.
- Enabled **trip planners** to enhance **rail travel experiences** by providing insights into optimal routes and pricing strategies.
- Optimized **data processing** for **improved decision-making and passenger convenience**, leveraging efficient ETL techniques.
- Automated **data extraction and transformation** from multiple sources, ensuring seamless data integration.
- Designed a **modular and scalable** ETL architecture, enabling efficient **data updates and processing**.
- Implemented the **Medallion Architecture** (Bronze, Silver, Gold layers) to enhance **data reliability, quality, and accessibility**, ensuring optimized processing and analytics.

## Technical Certifications

- 1.Programing certificate in Python
- 2.Programing certificate in C++

## Extracurricular

- Served as a Core Team Member of Google Developer Groups, Indore
- Senior Coordinator in Google Developer Student Clubs, Medi-Caps University, Indore