SHIVANK JAT



+918770522202 shivankjat2002@gmail.com in Shivank Jat Shivank Jat

EDUCATION

B.Tech + M.Tech (DUAL DEGREE) in Artificial Intelligence & Data Science,

2020 - 2025 Indore, India

School of Data Science and Forecasting | DAVV University (NAAC Grade: A+) - 7.7 CGPA

Higher Secondary - XII - 85.60% Career Convent Higher Secondry School

Narmadapuram, India

SKILLS

Technical Skills

- Programming Languages: Python, C++, Pyspark, Snowflake, SQL
- Databases: MySQL, PostgreSQL, Teradata
- · Libraries: NumPy, Pandas, Matplotlib, Seaborn, MATLAB, Scikit-learn
- · Core Subjects: OOPS, DBMS
- Cloud: AWS

Technical Skills

- Machine Learning
- Deep Learning
- Natural Language Processing
- Data Visualization: Tableau, Matplotlib, Seaborn, Power BI,Looker studio
- Others: ETL, Data Warehousing, Web Scraping, Excel, Streamlit

EXPERIENCE

Programmer Analyst Trainee

COGNIZANT

01/2025 - present

- Developed and maintained scalable ETL pipelines using Python, PySpark, and Snowflake to support enterprise data solutions.
- · Worked with SQL, AWS, and Teradata to manage large datasets and perform complex data transformations and analysis.
- · Collaborated with cross-functional teams to deliver data-driven solutions aligned with business objectives.
- · Completed Cognizant's structured training program focused on data engineering, professional communication, and leadership skills.

PROJECTS

SALES DATA ANALYSIS PIPELINE

[Skills: Python, AWS, Boto3, ETL, Pyspark, Snowflake]

- Designed and implemented an automated ETL pipeline using AWS services that processes daily sales transaction data from multiple retail locations.
- Developed Python scripts with Boto3 to securely transfer CSV files to S3, triggering Lambda functions for data transformation and loading into Redshift tables.
- Engineered scalable data warehouse architecture with Sales_Fact and Store_Performance tables, optimizing queries for business intelligence reporting.
- Implemented comprehensive error handling and resolved technical challenges including Lambda timeouts, resulting in a reliable system that provides actionable insights for inventory management and staffing decisions.

HANDWRITTEN DIGIT CLASSIFICATION

[Skills:Python,Deep Neural Network,Tensorflow 2.0,Numpy,Pandas,Matplotlib]

- Developed and trained an Artificial Neural Network (ANN) model to classify handwritten digits using the MNIST dataset, achieving 98% accuracy.
- Preprocessed data by normalizing pixel values and applying one-hot encoding to labels, enhancing model performance.
- Evaluated the model using metrics such as accuracy and loss, achieving a test loss of 0.05 and visualizing results to validate model predictions.

CERTIFICATES

- Microsoft Certified: Azure Al Engineer Associate Al-102
- GOOGLE CLOUD COMPUTING FOUNDATION
- GENERATIVE AI ARCADE GAME

ACHIEVEMENTS

- Attained a 3-star rating in SQL, Python on Hackerrank.
- Solve 150+ DSA questions on different coding platforms
- Organized and led a team of 15 for Prayas (Hostel annual fest) 2022, successfully implementing marketing campaigns that increased ticket sales by 40% and improved attendee experience with innovative interactive installations.
- Led a team of 15 in planning and executing Pankhudi 2024, implementing marketing campaigns that boosted ticket sales by 40% and enhanced attendee experience through interactive installations.