

# SHIVOM MOYADE

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## SUMMARY

*Experienced Data Professional skilled in Python, SQL, NLP and big data, with proven track record at Accenture in data engineering and machine learning. Specializes in developing predictive models and implementing ETL processes. Demonstrated leadership in guiding cross-functional teams, driving substantial improvements in business operations and strategic insights.*

## EDUCATION

UNIVERSITY OF CONNECTICUT, SCHOOL OF BUSINESS, HARTFORD, CT

December 2024

Master of Science in Business Analytics and Project Management, Concentration Data Science

INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVV, INDORE, INDIA

June 2021

Bachelor of Engineering in Mechanical Engineering

## TECHNICAL SKILLS

- **Programming Languages** SQL, Python, R, C, C++, Java, SAS, DAX
- **Data Analytics** Pandas, NumPy, EDA, Data Cleaning, Data Visualization, Feature Engineering, PCA, Data Modeling
- **Data Science** Machine Learning, NLP, Deep Learning, Clustering, Time Series Forecasting, TensorFlow, PyTorch
- **Generative AI** Architecture, Prompt Engineering, RAG, LLM, Fine-Tuning, LangChain, Gemini, Unstructured IO
- **Data Engineering** ETL, Hadoop, Pig, Hive, Spark, MapReduce, Data Warehousing, Data Pipelining, Redshift, Big Query
- **Statistics** Hypothesis Testing, Probability Distribution, Regression Analysis, ANOVA, Chi-Square Test
- **Software & Tools** Excel, Power BI, Tableau, Git, Visual Studio, SAS, JMP, Docker, Streamlit, Kafka, Kubernetes
- **Cloud Technologies & Databases** Snowflake, Microsoft Azure, AWS, GCP, SQL Server, Oracle, MySQL, Maria DB
- **Project Management** Skills Agile Methodologies, JIRA, MS Project, Scrum Practices

## PROFESSIONAL EXPERIENCE

Software Engineer (Data Science), ACCENTURE, India

July 2021 - July 2023

- Developed paraphrase generation application using **Python** and **Transformer** to produce 16 varied sentences for each input.
- Implemented **Text Classification** using **Python** and **AWS SageMaker** to discover underlying patterns, groupings in data.
- Led **data annotation** initiatives using AWS SageMaker, creatively overseeing the labeling and classification of 26k data points, enhancing performance to improve the accuracy and effectiveness of integrated **machine learning** models.
- Executed ETL with **Hadoop** on AWS to integrate and transform datasets of code annotation from Honeycode apps library.
- Collaborated with cross-functional teams to manage tasks enhancing interpersonal, communication, time management skills.

Data Analytics Intern, ACCENTURE, India

April 2021 – June 2021

- Developed and maintained 15 reports using Oracle **SQL** and Oracle Reports Builder to meet dynamic needs.
- Optimized SQL queries and report performance by 30% to ensure efficient data retrieval and processing.
- Collaborated with cross-functional teams to understand requirements and translate business needs to technical specifications.

Data Analytics Intern, BHEL, India

November 2019 – January 2020

- Engineered a **predictive model** reducing material overstock by 15% and optimized inventory forecasts for stators and rotors.
- Developed **Power BI dashboard**, identified **KPIs** providing real-time insights and facilitating strategic planning at BHEL.

## ACADEMIC PROJECTS

- Engineered **Health Insurance Premium Predictor** web app, achieving 0.85 R<sup>2</sup> with Gradient Boosting, performed data analysis, feature engineering and implemented **ML** regression algorithms using **NumPy**, **Pandas**, **Seaborn**, **Scikit-Learn**.
- Developed **Power BI dashboards** for HR analytics and Spotify Songs KPIs, and **Tableau dashboard** for Amazon Prime analysis, delivering critical insights and driving data-driven decisions in diverse domains.
- Led **sentiment analysis** and customer satisfaction level prediction on 34,000 Amazon reviews using **NLP**, **Deep Learning** and **ML**, achieving 93.7% F1 score with **LSTM**. Uncovering insights through topic modelling by **LDA** and **NMF clustering**.
- Engineered data analysis **pipelines** on Amazon using **Hive** and **Pig** for 49,590 movie ratings dataset, performing advanced queries and managing **AWS Hadoop** cluster operations to identify top movies and produce rating histograms.
- Developed **LLM-powered Gen AI app** transforming natural language into SQL queries, facilitating data analysis and enhancing tailored business needs via connection to personal database using **SteamLit**, **Gemini Pro**, **LangChain**, **NLP**.
- Conducted **A/B testing** on **Facebook** and **AdWords campaigns** using **Pandas**, **hypothesis testing**, and **regression analysis**, enhancing client ROI by demonstrating superior platform's cost-effectiveness, leading to a 30% increase in conversions.
- Developed **CNN classifier** to **diagnose pneumonia** with **OpenCV**, **Keras**, **TensorFlow** from preprocessed chest X-ray dataset comprising 5,840 images, enhancing pediatric healthcare through improved disease detection with 92% test accuracy.