

Professional Summary:

- Data Analyst with expertise in Python, Java, SQL, and automation technologies.
- Skilled in machine learning and deep learning model development for predictive insights and process optimization.
- Experience in data analysis and reporting using SQL and Power BI, supporting data-driven decision-making.
- Proficient in cloud platforms like AWS, with hands-on experience in deploying and managing applications.
- Strong analytical and problem-solving skills, with a focus on enhancing user experience and efficiency.

Technical Skills:

- **Programming:** Python, Java, SQL, R, MySQL, PostgreSQL.
- **Technologies:** Machine Learning, Power BI, React.js, Deep learning, Datasets, Statistical Analysis, Economic Analysis, Analytical Skills, MS Excel, Tableau, ETL workflows.
- **Cloud platforms:** AWS
- **PowerPoint:** Proficient in PowerPoint for creating impactful presentations tailored to diverse audiences.
- **Project Management:** Basic project management skills, with experience coordinating project timelines and deliverables.
- **Interpersonal Skills:** Excellent written and verbal communication, with a team-oriented approach to collaborating across departments.

Experience:

Data Analysis Intern

Talwar Motors | Technology: Data Analysis and Machine Learning

Jan 2018 – May 2018

- Applied statistical analysis and hypothesis testing to validate assumptions about vehicle behavior, providing a foundation for accurate predictive modeling.
- Designed and implemented data pipelines for efficient data handling and transformation, optimizing data flow for analysis and model implementation in Electronic Control Units (ECUs).
- Created visualizations and dashboards to communicate complex data insights to stakeholders, making data-driven insights accessible for technical and non-technical audiences.

Data Analyst Intern

Mega Power Engineering | Technology: Python and SQL Optimization

Nov 2018 – May 20

- Created interactive dashboards and reports using Python libraries (such as Matplotlib and Pandas) and SQL, allowing stakeholders to visualize key performance metrics and make data-driven decisions.
- Developed Python scripts to automate data extraction, transformation, and loading (ETL) processes, streamlining workflows and significantly reducing the time required for data preparation.
- Designed automated testing procedures using Python, reducing manual testing time by 40% and accelerating project delivery speed by 15% through efficient test case execution and reporting.

Education:

- **Master of Science in Computer Science - 2024**

New England College, New Hampshire

Cumulative GPA: 3.83/4

Relevant Course Work: Cloud Computing Concepts, Data Mining for Data Science and Analytics, Python Programming, Advanced Network Communications, Graduate & Prof Skill Development, Database Design, Information Security, Network Communications, Java: Intro to Object oriented programming.

- **St.Martin's engineering College - 2022**

Bachelor of Science in Engineering, India

Cumulative GPA: 8.92/10

Relevant Course Work: Matlab, AutoCad, Solid Works

Projects:

- Developed a program that enabled Robotic arm to plot 2D image on vertical plan using Python.
- Developed Speedometer App Using Java in Android Studio.
- Customers and Products Analysis Using SQL

Used SQL skills like joins, sub-queries, and common table expressions (CTE's) to explore the company's sales database and provided data-driven answers to key business questions about inventory, customers, and marketing. Analyzed product, order, and customer data, Identified which products to prioritize, how to segment customers, and how much to spend acquiring new customers.