

Mohammed Nabeel Rizwan

Data Scientist

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Professional Summary

I am a highly motivated and detail-oriented student currently pursuing a Bachelor of Engineering in Artificial Intelligence and Data Science at Muffakham Jah College of Engineering and Technology. With hands-on experience from internships and certifications, I have developed a strong skill set in data analysis, machine learning, and web development. I am proficient in programming languages such as Python and C, and I have practical experience in Data handling.

Work Experience

AWS Business Intelligence Engineer Nanodegree – Udacity (in collaboration with Amazon Web Services)

11/2025

- Completed hands-on training in cloud-based business intelligence, data analytics, and AI-powered insights using AWS analytics tools. Developed skills in data visualization, dashboard development, SQL querying, and generative AI-assisted analytics to transform raw data into actionable business insights.
- Projects: Interactive Business Intelligence Dashboard (Amazon QuickSight), Natural Language Analytics with Amazon Q, AI-Powered Business Analytics Application (Amazon Q Apps), Cloud-Based Data Analytics Workflow on AWS.

Data Science Intern

05/2024 – 06/2024

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- Developed data analytics solutions using **Python**, **Pandas**, **NumPy**, and **Scikit-learn** to process 100K+ records and implement machine learning algorithms.
- Created interactive visualizations with **Matplotlib** and **Seaborn** for exploratory data analysis (EDA) and actionable insights.
- Spearheaded **D-Mart Retail Sales Analysis project**, applying predictive analytics, time-series forecasting, statistical modeling, and customer segmentation to drive revenue optimization using **Jupyter Notebooks** and **Git**.

Data Analyst Intern

07/2025 – 08/2025

Main Flow Services And Technologies PVT. LTD.

- Conducted **data analysis** using **Python**, **SQL**, **Pandas**, and **NumPy**, performing **data cleaning**, **EDA**, and creating **dashboards** with **Tableau** and **Matplotlib**. Executed analytics projects involving **trend analysis**, **customer segmentation**, and **predictive analytics**.
- Developed **House Price Prediction model** using **machine learning algorithms (Linear Regression, Random Forest, XGBoost)** with **feature engineering**, achieving **85%+ accuracy**. Applied **statistical modeling** and regression techniques for data-driven insights.

Web Dev Intern

05/2024 – 06/2024

Advanced technology Training Academy, Australia

- Developed responsive web applications using **HTML5**, **CSS3**, and **JavaScript (ES6+)**. Built projects including a **Weather App** with REST API integration, a **Portfolio Website** with UI/UX design principles, and a **Calculator Application** with event handling logic. Utilized **Git/GitHub**, DOM manipulation, and asynchronous JavaScript for modern web development.

AWS Data Science Team

08/2024 – 07/2025

AWS Cloud Club MJCET, Hyderabad

- Served as **AWS-certified instructor** for **AWS Cloud Computing Camp**, delivering hands-on training workshops on **Amazon SageMaker**, **AWS Lambda**, **S3**, **EC2**, **IAM**, and cloud-based machine learning deployment to 100+ participants.
- Coordinated technical infrastructure and logistics for Telangana's first **24-Hour Datathon** as part of the organizing committee. Demonstrated strong project management, instructional delivery, and technical coordination skills.

Head of Operations

11/2024 – 08/2025

ACM MJCET, Hyderabad

- Orchestrated operations for 15+ technical events including **hackathons**, **workshops**, and guest lectures, managing **logistics** and coordination for 500+ participants. Supervised **team management**, **resource planning**, **sponsor outreach**, and venue arrangements while ensuring flawless **event execution**. Applied strong **organizational leadership**, **strategic planning**, and **communication skills** to drive successful technical community initiatives.

Education

Bachelor of Engineering - Artificial Intelligence and Data Science

OSMANIA UNIVERSITY, Hyderabad

Certificates

- Introducing Generative AI with AWS, Udacity
- C Programming For Beginners-Master the C Language, Udemy
- AWS Infracamp Instructor
- AWS ML-API Camp
- Python Bootcamp(Advanced)

Skills

AWS Analytics : Amazon QuickSight • Amazon Q • Business Intelligence • Data Visualization • SQL • Data Storytelling • Dashboard Development • Cloud Data Analytics • Generative AI for Business • Data-Driven Decision Making

Data Science & Machine Learning: Deep Learning, Predictive Modeling, Statistical Analysis, Supervised Learning, Unsupervised Learning, Regression, Classification, Clustering, Feature Engineering, Model Evaluation

Programming Languages: Python, R, SQL, Java, C

Data Analysis & Visualization

Web Development: HTML, CSS, JavaScript

MS Office

Soft Skills: Problem-Solving, Analytical Thinking, Critical Thinking, Communication, Team Collaboration, Project Management