

Manoj Ram Mopati

Data Science Intern



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Professional summary

Motivated and adaptable professional with 3+ years of industry experience in - **Quality Assurance** and **Data Analysis**, now pursuing a Master's in Data Science to deepen my expertise in advanced analytics and machine learning.

I have hands-on experience in both manual and automation testing, as well as in developing **interactive dashboards**, performing **data-driven analysis**, and collaborating with cross-functional teams on internal business projects. My transition into data science was driven by a strong passion for insights and innovation, and I've also completed several freelance, end-to-end data science projects that strengthened my practical skills.

Currently seeking internship opportunities where I can apply my technical foundation, contribute meaningfully to data initiatives, and continue learning in a collaborative environment.

Education

2025 - Now

Master of Science (MS) of Coventry University, United Kingdom, Coventry

I am currently Pursuing My master's in Data Science at Coventry University with Specialized modules on Data Science and Big Data and Global Professional Development.

2017 - 2021

Bachelor of Technology of PBR VITS COLLEGE, India, Kavali

Mechanical Engineering | 6.60 CGPA

Links

 LinkedIn | www.linkedin.com/in/manojrammopati202095187

 Portfolio Website | <https://manojram7.github.io/RamMopatisPortfolio/>

Skills

Python

Expert

Microsoft Power BI

Expert

PySpark

Expert

Machine Learning

Experienced

SQL

Expert

Azure DevOps

Experienced

EDA

Expert

Manul and Automation Testing

Expert

Agile/Scrum Methodologies

Expert

Problem-solving

Expert

Creativity

Expert

Experience

Data Analyst January 2023 - May 2025

Infosys Ltd

Data Analysis | External Insurance Project

- Analyzed large datasets using Oracle SQL Developer, writing complex queries to extract, clean, and transform employee and project-related data for business reporting.
- Performed data cleaning, EDA, and feature engineering using Python (Pandas, NumPy, Matplotlib) to identify key patterns and prepare high-quality datasets for analysis and modeling.
- Designed and developed interactive dashboards in Power BI to visualize KPIs such as attrition rate, hiring funnel, and project performance, enabling strategic decisions by stakeholders.
- Collaborated with cross-functional teams including HR, Business Analysts, and Project Managers to gather requirements, develop insights, and present findings in weekly business reviews.
- Assisted in unit testing of PySpark code in Azure Databricks, ensuring the accuracy and integrity of data pipelines.
- Participated in feature selection and model input optimization for internal ML proof-of-concept projects, contributing to model accuracy and reliability.
- Supported the development of ETL workflows and automated data refreshes using Power BI Scheduled Refresh and SQL Jobs to ensure real-time reporting.
- Gained practical exposure to predictive model development, including model evaluation, tuning, and cloud-based deployment best practices.
- Documented data definitions, validation rules, and report logic to support knowledge transfer and maintain analytical transparency.
- Worked with Azure DevOps for task tracking, code versioning, and collaborating on analytics workflows within Agile teams.

Software Quality Engineer February 2022 - January 2023

Infosys Ltd, India, Bangalore

Quality Assurance | External Insurance Project

- Executed automation, regression, and functional testing on client applications, ensuring quality throughout the SDLC.
- Maintained and updated test scripts in FLAU-UI using **Selenium C#** and - **Cucumber BDD**, improving test reliability.
- Worked extensively with **Oracle SQL Developer** to clean and analyze test data.
- Contributed to **Power BI report creation** with the Scrum Master, supporting decision-making by stakeholders.
- Designed and executed test cases for both manual and automated testing, ensuring smooth weekend deployments.
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Adaptability

Expert

Teamwork

Expert

Leadership

Expert

Feature Selection

Expert

Feature Scaling

Expert

ETL

Expert

Data Bricks

Expert

Microsoft Azure

Skillful

Streamlit Community cloud

Experienced

GCP

Skillful

AWS

Skillful

Deep Learning

Expert

Managed bug reporting in **ServiceNow**, creating clear documentation to accelerate issue resolution.

- Used **Azure DevOps** for CI/CD pipeline management, test plans, story tracking, and test result uploads.
- Collaborated in Agile/Scrum teams, providing inputs during sprint planning and retrospectives.

Freelance Project's

Customer Churn Prediction

Developed a classification model to identify high-risk customers with 85% accuracy.

Online Payment Fraud Detection

Created a fraud detection system using ensemble methods and imbalanced data handling.

Customer Segmentation

Used K-means clustering for market segmentation based on user profiles.

HR Analytics Dashboard

Designed a Power BI dashboard with employee attrition and KPI insights.

Stock Price Forecasting

Built an LSTM model using TensorFlow to predict future stock trends.

Recommendation System

Built a personalized movie recommender using collaborative filtering.

Tools & Technologies: Python, Scikit-learn, TensorFlow, Power BI, Pandas, Matplotlib, Streamlit, SQL, GitHub