

EXPERIENCE

Outlier Apr 2024 - Present

A.I. Developer

- Assisted in building a RAG pipeline with LLMs to enhance response relevance and improve client-specific customer service outcomes.
- Developed and optimized a large language model (LLM) for data analysis & other domains in Python, achieving **98%** response accuracy by iteratively analyzing and refining 500+ model outputs, which improved data interpretation efficiency by **40%**
- Built Gen AI models analyzing various datasets, achieving 95% accuracy and cutting analysis time by **30%**, accelerating data-driven decisions by **20%**.
- Systematically analyzed AI-generated code for errors, rewriting & optimizing code to enhance functionality and performance.

Morrison Energy Services - Scottish Power Sep 2024 - Feb 2025

Data Analyst

- Created dynamic, custom Power BI dashboards using native SQL queries, including one to estimate the financial value of various work jobs and track critical business KPIs using DAX. These insights contributed to a **25%** increase in operational profitability by driving better project prioritization and resource allocation.
- Developed and implemented a live dashboard to replace the existing compliance system, providing real-time status updates across five regions in Glasgow using maps. Improved visibility and operational efficiency, reducing reporting delays by **30%**
- Designed and implemented a custom data ingestion pipeline by extracting data from multiple sources including SQL databases and Salesforce; performed data cleaning, transformation, and integration using Power BI Dataflows, resulting in a **40%** improvement in report refresh efficiency and published on the Power BI App.
- Created advanced Excel reports (vehicle compliance, work time safety, KPIs) using pivot tables, VLOOKUP, boosting reporting efficiency by **20%** and enabling data-driven decisions.

IRA May 2021 - Aug 2022

Data Analyst

- Built custom dashboards using Power BI, Python to visualize key engagement metrics and support data-driven decisions.
- Conducted comprehensive data analysis to identify trends and derived actionable insights from gathered data.
- Analyzed website traffic data using Google Analytics and Google Search Console to identify trends and opportunities improving organic search visibility by **26%**.
- Implemented cluster analysis for user segmentation, to drive a notable **28%** increase in user engagement.

K.S.I. (Microsoft partnership) Aug 2020 - Sept 2020

Data Science & Machine Learning Intern

- Developed and presented data visualizations using Power BI, demonstrating significant features and predictions, which improved the decision-making process for student admissions in real time.
- Mastered Python and data science skills for advanced data analysis and machine learning, proficiently utilizing NumPy, Pandas, Seaborn, Matplotlib, Power BI and Scikit-learn libraries for effective algorithm implementation.
- Led a predictive analytics project for Master's admissions, improving model accuracy with feature engineering

Eduvance (IBM partnership) June 2020 - July 2020

Machine Learning Intern

- Significantly contributed to 5 machine learning projects, optimizing system efficiency by **20%** through successful model integration and advanced data solutions.
- Led the deployment of machine learning models on IBM Cloud, enhancing real-time predictive capabilities by **30%** and maximizing system performance.
- Learned Python programming and machine learning skills, developing a model for Diabetes Prediction as a capstone project with **95%** accuracy by performing dimensionality reduction techniques improving the efficiency of code.

EDUCATION

University of Glasgow, School of Computing Science Sept 2022 - Dec 2023

Master's in Data Science (Grade: Merit 2:1)

- Relevant Coursework: Introduction to Data Science, A.I & Machine Learning, Deep Learning, Big Data, Text as Data

Savitribai Phule Pune University, R. H. Sapat College of Engineering Aug 2017 - May 2021

Bachelor of Computer Science (Cumulative GPA: 8.4 / 10)

SKILLS

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- AI Tools:** Gen AI, RAGs, LLMs, BERT, LangChain, Chroma
 - Data Visualization Tools:** Microsoft Power BI, Tableau, Microsoft Excel, Matplotlib, Looker
 - Data Science & Miscellaneous:** Data Ingestion, Data Cleaning & Preprocessing, EDA, ETL, Topic Modelling, NLP, Deep Learning
 - Programming Languages:** Python, Java, C, C++, R, SQL, HTML, CSS
 - Machine Learning:** Numpy, Pandas, Seaborn, Sklearn, OpenCV, Pytorch, TensorFlow, Beautifulsoup, Gradio
 - Soft Skills:** Leadership, Problem solving, Analytical thinking, Communication, Teamwork, Collaboration, Adaptability