Parth Suryawanshi
Generative A.I Developer | Data Analyst

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EXPERIENCE

Outlier   **Apr 2024 - Aug 2024**
Generative A.I. Developer   **March 2025 - July 2025**

- Built **RAG** pipeline with **LLMs** to enhance response relevance and improve client-specific customer service outcomes.
- Developed and fine tuned large language models (**LLMs**) 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** applications 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   **Jan 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.

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

- **AI Tools**: Gen AI applications, RAGs, LLMs, AI Agents, LangChain, LlamaIndex, ChromaDB, API Integration
- **Data Visualization Tools:** Microsoft Power BI, Tableau, Microsoft Excel, Matplotlib
- **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