My Career Journey and Motivation

Stuti

Who I Am

- A motivated and resilient lifelong learner with a strong foundation in mathematics and data science.
- I value clear communication, collaboration, and the process of continuous improvement.
- I enjoy working on projects that combine analytical thinking with creativity and problem-solving.
- I'm naturally curious and enjoy understanding how things work, improving systems, and sharing knowledge with others.

Educational Background

- **MSc Mathematics**, Queen Mary University of London - Distinction (2019–2020)
    - Focused on Machine Learning, Bayesian Statistics, and Advanced Modelling.
    - Dissertation: *LASSO Regression* - exploring sparse modelling and algorithmic understanding.
- **BSc Mathematics (Hons)**, King's College London - First Class (2015–2018)
    - Built a strong foundation in statistical methods, time series analysis, and mathematical modelling.

Professional Experience Overview

- **Junior Marketing Analyst – Printerpix (2024)** Supported marketing decisions through analytical insights, report automation, and data integration.
- **Data Scientist – Office for National Statistics (2023)** Developed and deployed data pipelines, worked with secure systems, and contributed to team coding standards.
- **Data Scientist – Transolved (2021–2022)** Structured end-to-end modelling projects on financial trading data, conducted exploratory analysis, and presented technical findings.

Core Skills and Strengths

- Data analysis, modelling, and visualisation.
- Python (pandas, numpy, scikit-learn, PyTorch), SQL, and R.
- Strong statistical reasoning and attention to detail.
- Clear documentation, process improvement, and teamwork.
- Adaptable and quick to learn new tools and concepts.

Reflection and Motivation

- My career so far has given me exposure to analytical work across public, private, and start-up environments.
- I've developed a genuine interest in building reliable systems, simplifying complexity, and making insights more accessible.
- I enjoy the challenge of learning fast, applying theory to practice, and contributing meaningfully to team goals.

Looking Ahead

- I'm continuing to strengthen my foundations in AI, data engineering, statistics, programming languages and related libraries, mathematical modeling, and applied machine learning.
- I'm particularly drawn to roles that combine data science with real-world impact, whether in health, wellbeing, or technology-driven innovation.
- My goal is to keep growing as a data professional, contributing to meaningful projects and building tools that make a difference.

Thank You

Many thanks!