ARSHAD MULLA

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https://github.com/arshadmulla

EDUCATION

Royal College of Arts Science and Commerce (University of Mumbai)

Bachelor of Science in Computer Science ***Mumbai , India***

TECHNICAL SKILLS

- **Experienced in** data analysis, visualization, and machine learning using Matplotlib, Seaborn, Power BI, Tableau, Scikit-learn, and TensorFlow.
- **Experienced in** working with Jupyter Notebook, Google Colab, Kaggle, and SQL for data processing and model deployment.
- **Fluent in** Python, R, and MySQL for data science applications.

EXPERIENCE / PROJECTS

AI Software as a Service Image Platform

- **Accomplished 95% accuracy** in background removal, **as measured by** a **25%** increase in user engagement, **by doing** development using Next.js, MySQL, and Cloudinary.
- **Accomplished** a **20%** increase in image editing precision, **as measured by** improved object segmentation,**by doing** integration of advanced image processing algorithms using Shadcn.
- **Accomplished** a **15%** rise in subscription rates, **as measured by** seamless premium feature upgrades, **by doing** implementation of secure payments with Stripe.

Stock Price Prediction using Machine learning with Web App using Streamlit

- **Accomplished 90% accuracy** in stock price forecasting, **as measured by** an **18%** YoY increase in trading profits, **by doing** time series analysis and LSTM modeling.
- **Accomplished** a **15%** reduction in prediction errors, **as measured by** improved model accuracy, **by doing** real-time data ingestion via APIs.
- **Accomplished** a **20%** increase in user engagement, **as measured by** improved accessibility, **by doing** cloud deployment of the ML model via a web app.

ACADEMIC PROJECTS / CERTIFICATES

Robot Navigation System

Developed a cutting-edge Robot Navigation System as part of the ***Avishkar Research Project Competition.***

- **Accomplished** a **30%** improvement in path accuracy, **as measured by** precise movement in complex environments, **by doing** development of a navigation algorithm with sensor fusion.
- **Accomplished** a **25%** increase in navigation efficiency, **as measured by** better decision-making, **by doing** reinforcement learning integration.
- **Accomplished** a **20%** reduction in computational latency, **as measured by** faster response times, **by doing** optimization of sensor data processing.

***Certificates** : -*

- *Python for Mahcine learning (by GreatLearning)*
- *Introduction to Deep Learning (by Coursera)*
- *Introduction to Data Science (by GreatLearning)*