

# ARSHAD MULLA

91+ 9769901144 • arshadmulla75@gmail.com • <https://www.linkedin.com/in/arshad-mulla-5b2451229/> • <https://github.com/arshadmulla>

## EDUCATION

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

June 2021 – May 2024

Bachelor of Science in Computer Science

Mumbai, India

Grade :- 7.27/10

## TECHNICAL SKILLS

**Data Analysis and Statistics:** Matplotlib, Jupyter Notebook, Google Colab, Kaggle, Math, seaborn, tableau, PowerBI, MS Excel, time series analysis, NLP, data mining, LSTM.

**Tools and Technologies:** Numpy, pandas, Sklearn, TensorFlow, Keras, SaaS, data analysis, Business Analysis, Data Analysis, Customer Acquisition, data visualization.

**Programming & Databases:** Python, R, SQL, MySQL, JavaScript.

## EXPERIENCE / PROJECTS

### AI Software as a Service Image Platform

Feb 2024 - April 2024

- Developed an AI Image SaaS platform using **Next.js**, **MySQL**, and Cloudinary, achieving **95%** accuracy in background removal tasks and boosting user engagement by **25%** within the first quarter of deployment.
- Integrated advanced **image processing** algorithms using Shadcn for object segmentation, resulting in a **20%** increase in image editing precision and a **30%** reduction in processing time.
- Implemented secure payment infrastructure with Stripe, facilitating a seamless upgrade to premium features and contributing to a **15%** rise in subscription rates over six months.

### Stock Price Prediction using Machine learning with Web App using Streamlit

Jun 2023 - Dec 2023

- Innovated a predictive **machine learning** model employing **time series analysis** and **LSTM**, achieving **90%** accuracy in stock price forecasting; contributed to a **18%** year-over-year growth in trading profits.
- Implemented a robust real-time **data ingestion** system using **APIs** to continuously update and refine the predictive model, ensuring high accuracy and timely insights, reducing prediction errors by **15%**.
- Optimized the deployment of the **machine learning** model on a cloud platform, enabling scalable and efficient stock price predictions accessible via an intuitive web application interface, leading to a **20%** increase in user engagement.

## ACADEMIC PROJECTS / CERTIFICATES

### Robot Navigation System

august 2023 - Dec 2023

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

- Engineered a **comprehensive robot navigation** algorithm incorporating **computer vision** and sensor fusion to achieve precise and autonomous movement in complex environments, enhancing path accuracy by **30%**.
- Integrated **reinforcement learning** techniques to continuously improve the robot's **decision-making** capabilities, resulting in a **25%** increase in navigation efficiency and obstacle avoidance success rate.
- Optimized sensor **data processing** and algorithm efficiency, reducing computational latency by **20%** and increasing the robot's operational speed by **15%**.

### Certificates :-

- Python for Machine learning (by GreatLearning) - October 2023
- Introduction to Deep Learning - April 2023
- Introduction to Data Science (by GreatLearning) – August 2022