ARSHAD MULLA

91+ 9769901144 | arshadmulla75@gmail.com | LinkedIn | GitHub |https://arshadmulla.github.io/

EDUCATION

Royal College of Arts Science and Commerce (University of Mumbai) **Jun 2021 - May 2024**
Bachelor of Science, Computer Science

EXPERIENCE

Data Annotation Specialist (Freelancer) – Outlier.ai **Jan 2025 - present**

- Worked on task-based annotation projects involving image, video, and text data to support NLP and computer vision applications.
- Ensured high precision and consistency in labeling, significantly enhancing model performance across multiple AI domains.
- Collaborated with QA teams to refine annotation guidelines, improving throughput and reducing labeling errors in production pipelines.

PROJECTS

AI Software as a Service Image Platform **Feb 2024 – Apr 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.

Robot Navigation System **Aug 2023 - Dec 2023**

- 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%.

TECHNICAL SKILLS

- **Data Analysis, Management & Statistics**: Matplotlib, Jupyter Notebook, Google Colab, Kaggle, Math, Seaborn, Tableau, PowerBI, MS Excel, Time series analysis, NLP, Data Mining, LSTM, Statistics, Data management
- **Tools And Technologies**: Numpy, Pandas, Sklearn, TensorFlow, Keras, SaaS, Data Analysis, Data Visualization
- **Programming & Databases**: Python, R, SQL, MySql, JavaScript , AWS
- **Soft Skills**: Strong communication, research writing, cross-functional collaboration

CERTIFICATION

- Python for Machine learning (by GreatLearning) October 2023
- Introduction to Deep Learning April 2023
- Introduction to Data Science (by GreatLearning) August 2022
- Research Presenter – Avishkar 2023 (Robot Navigation Project) Dec 2023