

Ahmed Sharaz

Phone: +91 7259470034 Email: sharaz333@gmail.com LinkedIn: [linkedin.com/in/ahmed-sharaz-3391ba1a5](https://www.linkedin.com/in/ahmed-sharaz-3391ba1a5)

EDUCATION

Manipal Institute of Technology <ul style="list-style-type: none">Bachelor of Tech in Biomedical Engineering , Minor in Digital MarketingGPA: 7.5 St. Aloysius PU College <ul style="list-style-type: none">Pre-University Course – PCMBGPA: 7.8	Manipal, India 2019-2023 Mangalore, India 2017-2020
--	--

SKILLS SUMMARY

LANGUAGES:	PYTHON, SQL
TOOLS:	MYSQL, PowerBI, Alteryx, EXCEL, PowerPoint
PLATFORMS:	VS CODE, Jupyter Notebook, PyCharm

EXPERIENCE

The Smart cube -A WNS Company Data Engineering Intern <ul style="list-style-type: none">Designed and implemented anomaly detection model and time series forecastingIntroduced alert notification system in the data pipeline.Used various models in order to reduce the time to minimal.	Noida ,India March 2023 - July 2023
TBS(Telematic and Biomedical services) Biomedical Intern <ul style="list-style-type: none">Hands on experience on technical services , which comprises of preventive breakdown and perform verification services.Established global network of suppliers to ensure cost effective supply of equipment on time.	Mangalore, India July 2023 - August 2023
Kasturba Medical College Biomedical Intern <ul style="list-style-type: none">Worked as summer intern in the department of biomedical Engineering for deeper understanding of various instruments.	Mangalore, India June 2022 - August 2022

PROJECTS

Python Website Blocker: <ul style="list-style-type: none">The Python Website Blocker project involves creating a Python script that can block certain websites based on user input. involves basic machine learning concepts like pattern recognition.This tool can be particularly useful for parental control, productivity enhancement, or restricting access to unwanted content.It is designed to work on Windows, with a path provided for macOS/Linux systems	August 2024
Invoice Categorization and Tagging: <ul style="list-style-type: none">This categorizes invoice data into predefined categories. It leverages the Tesseract OCR engine to extract text from images of invoices, which is then categorized using the trained model.This project can assist in organizing and managing invoices more efficiently, improving financial tracking and reporting	September 2024

Invoice Bounding Box drawing:**October 2024**

- This tool designed to help users visually parse and analyse PDF documents by highlighting several types of content within text boxes.
- The application highlights text blocks in PDFs based on whether they contain alphabetical, numerical, or mixed content.
- This feature is particularly useful in scenarios where understanding the content type quickly is necessary, such as in invoice processing, data extraction, or review.

Intelligent Traffic Monitoring System:**October 2024**

- Developed computer vision system that can detect and track vehicles, pedestrians, and other objects in real-time from CCTV footage or dashcam data.
- This could be used for traffic management, accident prevention, and infrastructure planning.
- This project is designed for real-time traffic monitoring using YOLOv3, a powerful object detection algorithm. It processes video streams to identify and classify various objects, such as cars, motorbikes, buses, trucks, bicycles, and pedestrians.
- The application uses Flask for the web interface, allowing users to view a live video feed and download processed videos with detected objects highlighter

Sentiment Analysis API:**November 2024**

- Developed a Fast API that uses machine learning algorithms to analyse text data and determine the sentiment (positive, negative, neutral) of the text.
- The API can be used to analyse customer feedback or reviews.
- This script processes text data, trains a Naive Bayes model using the data, and saves the trained model for later use.
- This script sets up a Fast API server that serves the sentiment analysis model. Users can send text inputs to the API, and it will return the predicted sentiment.

Professional Certificates

- **Data Quality Analyst**
(3 month professional skill India course in collaboration with IIT Mandi and HCL foundation , conducted by AISECT)
- **Microsoft Certified: Azure Data Engineer Associate**
- **Introduction to Alteryx**
- **Machine learning with python**
- **Power Bi essential training**
- **Project management by google**

Extra-Curricular Activities**Pupil-First :**

Developed skills and exposure in using Corona Safe Network, a digital public good recognised by the United Nations that is used in disaster management by state/district administration.