SHREYASH VIRENDRA CHAWDA

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PROFESSIONAL EXPERIENCE

INDUS TOWER CORPORATION ON PAYROLL OF QUESS CORP   (July 2022 – Present)
TOC Executive Engineer

Roles and Responsibilities:
- Data collecting and pre-processing using python and finding insight of sites performance using EDA.
- Creating a robust pipeline for dataflow to automate the execution.
- Data visualization using python for detailed analysis of health summary of sites with respect to time stamps.
- Using different machine learning algorithms try to implement a robust regression model which helps to predict critical alarms which can be escalated to field teams which can help them to restore sites.
- Different MLOPS techniques are used like Github and Docker and code versioning using MLflow also deployment and managing using AWS cloud with creating CICD pipeline using Github Actions.
- For critical issue active role in war room with circle team and incident management with proper reporting and maintaining tracker.
- Implementing a robust strategy to increase performance of the particular sites of respective clusters.
- Collaborating with Area Manager (AOM) and Field Engineer (FSE) and collecting RCA and TAT and managing to minimize the outage.
- Detailed analysis of RJIO sites and providing performance summary on daily basis.

SAI ELECTRICALS AND ELECTRONICS   (January 2021 - June 2022)
NOC Engineer

Roles and Responsibilities:
- Worked as NOC engineer and provided support to cluster engineer and manager for telecommunication sites.
- Escalating alarm to field team for Airtel operator and collecting RCA of issue and creating detailed report on daily basis.
- Technically handling and managing clusters of Maharashtra circle.
- Provide software support and monitoring (24×7) and resolving various trouble tickets.
- Analysis components risk assessments and advise other team members regarding use and maintenance.

B4S SOLUTION PVT LTD (June 2017 - March 2018)
Surveillance Engineer

Roles and Responsibilities:
- Worked as a support engineer in the telecom industry.
- Escalating Alarm on a real time basis.
- Coordinating with a field Engineer for restoring sites.

PROJECTS

Invoice Data Extractor (https://github.com/Shreyashchawda12/gemini.git)
- This project gives amazing results to extract data from invoices which act like a chatbot using Generative AI.
- The pre-trained model Google Gemini Pro is used which gives good accuracy and output.
- The streamlit framework is used in the front end which gives an amazing presentation of uploading files and showing desired output.
- It acts like a chatbot in which by giving prompts as input we get desired information from the invoice.
- This application will help to increase accountability and reduce the complexity of paperwork and increase transparency in GST Taxation.

Object Detection and Tracking (https://github.com/Shreyashchawda12/Object_Detection_Tracking.git)

- This project gives amazing results to track and detect objects which helps to increase surveillance in our society and in restricted areas.
- Two pre-trained models of CV are used to train the data for tracking and classification.
- Python modular coding is done with a proper pipeline to automate the execution.

Vehicle Number Plate Detection (https://github.com/Shreyashchawda12/Number_Plate_Detection.git)

- This project helps us to detect number plates of vehicles which will try to break traffic rules and thus it will help to implement proper traffic handling using AI.
- By implementing this application using CCTV cameras will also increase traffic surveillance.
- Using CV OCR technique is used to detect and extract data from the image.
- Modular coding with proper pipeline is done to automate the process using python.

INTERNSHIP PROJECTS

Customers Experience Prediction (https://github.com/Shreyashchawda12/Telecom.git)

- END-TO-END ML Project for predicting customer churn in the Telecom sector. Customers Churn Prediction which helps Telcos Company to know their customers' requirements and help to provide good service to their customers.
- Detailed EDA done with python modules like Pandas, Numpy, Matplotlib, Seaborn and imbalance data is handled using sampling techniques.
- Model building with classification technique using Scikit Learn module. Created a robust pipeline which automated training and with the help of Flask framework created API for prediction.
- Deployment in AWS with Docker and GitHub action workflow using CI/CD pipeline.

Census Income Prediction (https://github.com/Shreyashchawda12/Census_Income.git)

- END-TO-END ML Project for predicting Census of individual average income. This will help to understand the social economical condition of our society and also understand the standard of living of the person.
- Detail EDA done with python modules like Pandas, Numpy, Matplotlib, and Seaborn.
- Created a robust pipeline with model building using data ingestion, data transformation, model building and model evaluation.
- Aws Deployment using GitHub Action workflows and Docker using CI/CD pipeline.

Credit Card Defaulter (https://github.com/Shreyashchawda12/credit_card_prediction.git)

- END-TO-END ML Project for predicting credit card defaulters. Financial organizations face many issues from the defaulter customers who do not pay their credit card bills on time**.**
- Detail EDA done with python modules like Pandas, Numpy, Matplotlib, and Seaborn.
- Created a robust pipeline with model building using data ingestion, data transformation, model building and model evaluation.
- Aws Deployment using GitHub Action workflows and Docker using CI/CD pipeline.

CERTIFICATIONS

- **Python | December 2022 | LearnCodeOnline |**
- **MySQL | June 2023 | Code Basics |**

KEY SKILLS

- **Machine Learning| Neural Network (DL) | NLP | CV | Python | Statistics | Docker | GitHub |**
- **Data Integration | Data Visualization | Pre-processing | Model Building | AWS Deployment |**

EDUCATION

- **RMD Sinhgad School of Engineering, Pune | B.E in E&TC | May 2013 - May 2016**
- **Yashwantrao Mohite College, Pune | Higher Secondary | May 2011 – May 2012**
- **Jog Education Trust School, Pune | Secondary | May 2010**