Chetan Londhe

Gmail : chetanlondhe1112@gmail.com | Contact No : +91 8329482254

Linkedin : chetanlondhe333 |GitHub : chetanlondhe1112 |Medium : chetanlondhe1112 |Quora : Chetan-Londhe-5

SKILLS

DATASCIENCE | Statistics**,** Machine Learning, Natural Language Processing, Generative –AI(Gemini,GPT,Laama),RAG, Model Deployment, Tableau, PyTorch,Transformers
CLOUD | AWS,S3 ,E2, AWS Rekognition
BACK END DEVELOPMENT | Python, Django ,Django Rest Framework, FastAPI, C, C++, JavaScript
DATABASE MANAGEMENT | MSSQL, MySQL, SQLite, Postgress
FRONTEND DEVELOPMENT | Html, CSS, Bootstrap
MISCELLANEOUS | AWS, RAG, Scikit Learn, Tensorflow, OPENCV, Collaborative Filtering, Recommendation System, RabbitMQ, Package Development, OOPS, DOCKER

EXPERIENCE

ACEVENTURA |**Python, Django, RabbitMQ ,Microservices, FastAPI, Postgress, Docker**
Python Developer - Automation Engineer – R&D | Apr 2023 – Present | **1.11 Yrs.** | Pune

Smartchat – AI Mentor
- Developed a Django web application platform using Artificial Intelligence LLM models to support students in their studies, enable teachers to track student interests across multiple domains, and help parents to understand their child's suitable career path.
- Integrated with School Application built in PHP using Django Rest Framework.
- Positioned Smartchat to grow significantly in the educational sector, bridging the gap between education and AI.

Airbot – Artificial Intelligence Response Bot FastAPI Service
- Developed an Airbot service using FastAPI to provide AI answering capabilities for various applications from single service.
- Facilitated seamless integration for clients to deploy customized Chabot through a single FastAPI service as per there response requirements and Flexible to update to any LLM models.

Patch Management Microservices
- Developed Change Management Microservices and Task Automation Engine Microservices, to route and manage Patching Information on Clients Virtual Machines at remote locations.
- Ideated solutions to identify the inactive Virtual Machines in whole change process by developing agent manager service.
- Provided services helps client to adapt their manual process into complete automation which increase their efficiency to manage their clients from US and INDIA.

ARKONET SERVICES | **Python, Streamlit, Django, MSSQL, AWS**
Software Developer | Jan 2022 – Apr 2023 |**1.3 Yrs.** | KOLHAPUR

Stocks Analyzer
- Developed the Web application for an organization working in Financial Market Using the advanced web framework Streamlit built for Data scientist.
- StocksAnalayzer provides the solution to client's whole manual stocks filtering process (taking 4-5 Hrs.) by data analysis using python and pandas, on provided raw data, which takes near 10-15 seconds of time over more than 300 stocks with more than 50 parameters.
- Facilitates to files storage, multiple filters creation, Report generation and Export, Live News of Stocks with integrated News API service.

EDUCATION

SANJAY GHODAWAT INSTITUTE
BE Electronics and Telecommunication
JUN 2021|**CGPA 6.9** |Kolhapur

HONORS & AWARDS

EXCELLENCE IN INNOVATION -2024 | Spearheading projects with cutting-edge technologies and generating profitable AI-driven project ideas for the company.

OUTSTANDING PERFORMANCE OF THE YEAR- 2023 | For making significant contribution to the customer project and company's technical developments.

CERTIFICATIONS

COURSERA
VANDERBUILT UNIVERSITY
- Prompt Engineering for Chat GPT

DUKE UNIVERSITY
- Programming Fundamentals

UCI UNIVERSITY
- Introduction to IOT and Embedded System
- The Raspberry Pi Platform and Python Programming for the Raspberry Pi

PERFECT E LEARNING
- Data Structure with Python
- OOPS with Python
- Machine Learning with Python

Stocks Algo
- Developed the StocksAlgo Dashboard to provide the User Interface for clients all backend manual Scripts of stocks trading bots.
- Ideated solution by coordinating with client's developer team to modify their Stocks Trading Bots to not only trade but also collect and store the trading information into Database and scaling the bot to perform trading on multiple account simultaneously.
- Upgraded StocksAlgo for multiple trading strategies and multiple modules like clients meeting manager, updating clients about their trades through integration with Whatsapp.

GTX GLOBAL SERVICES
Sales Executive - Insurance Adviser | Sep 2021 – Dec 2021| Kolhapur
- Selling Investment Plan, Providing Franchise to Net Cafes, Allocating Students for Trading Course.
- 14+ Franchise for Course, 10 + Students Allocated for Course.

PROJECTS

Movie Recommendation System | Python, Sklearn, Ipywidgets, FastAPI, Kaggel
Edureka | AI and Data Science - Capstone Project |Jun – Dec 2024
- Developed Movie recommendation System for OTT platforms based on three search methods Popularity Based, Content Based, Collaborative Based.
- Importing and Cleaning of dataset from Movie Lens containing over 105339 records of Ratings and 10329 records of Movies. Conducting Exploratory Data Analysis over most rated and reviewed movies and Genre, Extracting Distribution of Ratings.
- Implemented Popularity Based Recommendation System at genre level to provide most top rated movies in that genre as per user genre input, Collaborative Filtering Recommendation on user-based similarity by using K Nearest Neighbors (KNN) to identify K Similar Users and Recommend movies based on their ratings, Content Based Recommender System using cosine similarity between the movie searched by user and other movies genre.
- Developed User interface using Ipywidgets for all recommendation systems.

Heart Disease Prediction |Python, Sklearn, Kaggel, Ipywidgets, FastAPI
Edureka | AI and Data Science - Mid Term Project |Jan – May 2024
- Developed a machine learning solution to predict the likelihood of heart disease, focusing on early detection and minimizing false negatives. Processed a dataset of 250,000+ records, balancing the data with oversampling techniques to handle class imbalance.
- Experimented with multiple models, including **Linear Regression**, **Random Forest**, and **KNN**, and selected **Random Forest** as the final model based on superior performance measured through the **Precision-Recall Curve**. Reduced false negatives from over 4,000 to approximately 200, improving detection accuracy for high-risk cases.
- Developed User interface using Ipywidgets for all recommendation systems.

Real time drowsiness and alcohol detection | Python, OpenCV, Raspberry Pi, MQ3 Sensor
Sanjay Ghodawat Institute | Electronics and Telecommunication – Final Year Project |Jan-June 2021
- Developed a real-time system to detect drowsiness and alcohol influence using facial landmark detection techniques.
- I led the project from concept to implementation, collaborating with two team members to ensure seamless execution. Designed and implemented the entire codebase by learning Python and OpenCV through online courses and resources.
- Acquired expertise in **Raspberry Pi** through Coursera, assembled the hardware components, and integrated them with the software. Leveraged the **Paul Viola and Michael Jones (2001) algorithm for robust real-time face detection** and implemented facial landmark detection with integrated alcohol detection sensors to identify drowsiness and alcohol influence indicators.