ADITYA SAKPAL

MACHINE LEARNING ENGINEER

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EXPERIENCE

Machine Learning Intern | Finplex Solutions | 3 months

- Worked on a chatbot for IPPB | Used Flask
- Exprimented with various LLMs | Used Qlora for fine tuning | Data Preprocessing | Used Open AI API
- Contributed in FrontEnd development

Machine Learning Intern | HFT Solutions | 3 months

- Developed an entire web app for finding missing persons for Rajasthan Police | Used AWS Rekognition model
- Wrote Production Level Code | Logging Configuration | WinSCP | Used FastAPI
- Developed an entire telegram-bot | Used Telegram API
- Tech Stack : Python(FastAPI) , AWS Rekongition model,PostgreSQL , HTML , CSS and PostMan Collection

EDUCATION

Somaiya VidyVihar University

- Bachelor of Science in Information Technology (2021-2024)
- CGPA : 10.0

PROJECTS

Video Streaming Platform with customizable feed

- Tech Stack : Python(Flask), React JS ,Firebase,YouTube API,HTML,CSS and JS
- Customizable Feed | Functionalities similar to YouTube
- Videos are ranked based on the sentimental score obtain through the comment section of each video

AI Talkbot

- Tech Stack : Python(Flask), Open AI API ,HTML,CSS and JS
- Input / Output via Audio | Used Open AI API

Universal Image Classifier

- Tech Stack : Python(Flask),HTML,CSS and JS
- Can classify any sort of image | Used Xception model

Sentimental Analysis in CODEICON 2022 (Hackathon)

- Tech Stack : Python
- Performed sentimental analysis on General Mills company's reviews (50,000 records)
- Rated each review from 1-5 | Used Valdor model | Data-Preprocessing

Web Scrapping for BlackCoffer

- Tech Stack : Python
- Extracted text data from 115 urls | Data Preprocessing | Performed NLP operations
- Evaluated 12 different variables for each url | Pushed the output in a excel file

Predictive model for Sensegrass

- Tech Stack : Python(Flask)
- Predicted vine variety using Sensegrass company's dataset (100000 records)| Data Preprocessing | NLP operations
- Evaluated 5 most impactful features | Created an API using Flask

GYM MANAGEMENT SYSTEM

- Tech Stack : PHP, HTML, CSS, JS, Razor Pay's Payment Gateway, Google Captcha and MySQL
- User management / Membership management and Transaction management | Inbuilt supplement store
- Integrated RazorPay payment gateway | Google captcha for user authentication

CERTIFICATIONS

AZURE AI 900

Unsupervised Machine Learning by Stanford University

AI Workflow by IBM

Cloud Data Management by Oracle

React JS by META

SQL by Oracle

Python by Google

Data Modelling by MongoDB

Supervised Machine Learning by Stanford University

Deep Learning by DeepLearning.ai

Machine Learning Specialization

Advanced ML Algorithms by Stanford University

Python Libraries by UpGrad

JAVA by Great Learning

MongoDB Atlas by MongoDB

OTHER ACHIEVEMENTS

Cleared National Aptitude Test of Architecture (2021)

Competitive Programming Rating 707

Scored 87% in SSC

Secured 2nd rank in Sem 3, 4th rank in Sem 2 and 4th rank in Sem 4

Competed in CODEICON 2022 and Google-Vertex AI Hackathon 2023

TECHNICAL SKILLS

Languages : Python, C++, JAVA, PHP ,HTML ,CSS ,JS and SQL
Frameworks : React JS, Express JS, FastAPI, Flask and .NET
Databases : MySQL, PostgreSQL, MongoDB, Oracle and Firebase
Development Tools : GitHub, PostMan Collection,WinSCP(Putty) ,Visual Studio and Android Studio

SOFT SKILLS

Logical Ability

Problem Solving Ability

Multi-tasking

Confidence
Leadership