DEVANG DAYAL

COMPUTER SCIENCE ENGINEER

Agra, Uttar Pradesh, 282007 | 07060020070 | dayaldevang@gmail.com

EDUCATION

Vellore Institute of Technology
Course: B.Tech
July 2019 - Present
Major: Computer Science and Engineering
CGPA: 8.25/10.0

G.D. Goenka Public School , Agra
Course: XII Standard
April 2017 - June 2018
Grade: 84.1 %
Scored 91 in Physics and 93 in English

G.D. Goenka Public School , Agra
Course: X Standard
April 2015 - June 2016
CGPA: 10.0/10.0

TECHNICAL SKILL

Java, Python, C/C++, MATLAB, R, Tableau

LANGUAGE

English (Professional Fluency) , Hindi (Native)

INTEREST

- Data Science, Data Analytics, Machine Learning, Deep Learning, Software Development, Cloud Computing, Analytical and Problem Solving

EXPERIENCE

Software Developer Intern
EddyTools Tech Solution

Startup based in Mumbai, Maharastra
July, 2021 - September, 2021

- Field of Work: Research and Development in Artificial Intelligence.
- Created a Live Attention Detection System for Online Meetings and Classes.
- Remotely employed during the Covid Lockdown and operated together with the team using GitLab.

PROJECT

LIVE ATTENTION SPAN

- Real-Time Attention Detection System for online meetings and classes.
- Measured and tracked the attentiveness of the participant in online meetings and classes.
- The application tracks motor movement and facial movement which includes Face and Eyes movement of the face
- Technology Used: *Python, OpenCV, Tensor Flow*

FORMULA 1 FAN APPLICATION - (On Going Project)

- Formulating a Formula 1 Fan Application which can be employed to track the Formula 1 seasons.
- Currently devising an AI Model to predict the Podium Finishers for Grand Prix Races and Pole Finishers in the Qualifying Races.
- Showcasing the statistical performance and analytical performance of each Team, Driver and Car for past seasons as well as the current season expected Finishing places.
- Technology Used: *Python, React, Tableau*

FACIAL DETECTION SYSTEM FOR FACE BLINDNESS PATIENCE

- Developed an offline real-time Face Detection System for Face Blindness Patients.
- The system detects the faces of the individuals using the camera of the mobile device and can run without the help of the Internet or cloud access.
- It is using MobileFaceNet model with 99.63% efficiency and model size of less than 5MB.
- Technology Used: *Python, Kotlin, Google ML Toolkit, Tensor Flow*

CLIMATE CHANGE ANALYSIS USING MACHINE LEARNING

- Built an ML Model to predict the Earth's Land Temperature and understands the seasonal changes in each city.
- Built an interactive weather visualisation dashboard on Tableau, which is live on the Tableau Server.
- Evaluated and Analysed Berkeley's Earth Land Temperature dataset of 8.5 million instances.
- Forecasted the temperature using the S-ARIMA model which successfully achieved an efficiency of 99.7% with a minimised error of 0.03%
- Technology Used: *Python, Tableau*

APPLE STOCK DATA VISUALISATION APPLICATION

- Charted a customisable Stock Data Visualisation Dashboard for Apple Stock Data from 1980-2022.
- Developed a web application using a Streamlit, Python-based Web framework.
- Hosted the web application on Streamlit Cloud Server integrated with GitHub.
- Technology Used: *Python, Streamlit, Streamlit Cloud Server, GitHub.*

CERTIFICATION AND ACHIEVEMENT

- MATLAB for MACHINE LEARNING by Certificate from MathWorks
- MATLAB for DEEP LEARNING by Certificate from MathWorks
- MATLAB for DATA PROCESSING AND VISUALISATION by Certificate from MathWorks
- C++ from National Institute of Information Technology (N.I.I.T)
- Apple Stock Visualisation App featured in the World's Finance App Section by the StreamLit OpenSource Framework Community.