Sahil

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EXPERIENCE

Trainee Developer October 2021 – May 2022
Algotrak Pvt Ltd *Chennai, India*
- Training Image processing Models and Apply Data Pre-processing using python libraries like pandas, Numpy, regex.
- Worked with tools like RPA, Google Cloud, IQBot.
- Explored ways to read real world from data and provide them in digital form with high accuracy.

PROJECTS

Adverse Effects of Alcohol | *Python, Flask, SKLearn, Pandas, Numpy, Plotly, Git* May 2022 – Present
- Producing tangible research metrial on Alcohol cumsumption.
- Using Machine Learning Regression to pridict Cardio Vascular Disorders.
- Algorithms for Cluster and Classification are used to categorize different group of patients.
- Plotly API with a web Application is used to serve the data and functionality to general public.

Auto Class | *Python, Selenium, Git* April 2021 – May 2021
- Developed a bot to act as a proxy and attend online classes during covid.
- Selenium was used to mimic user action and login to classes.
- Application was used by many of my friends and classmates.

Elon Effect | *Python, Selenium, Machine Learning, Git* September 2021 – October 2021
- Developed a Prediction Model to pridict stock prices based on tweets from Elon Musk.
- The project is modular and can be scaled to any numbers of Stocks and twitter accounts or pages.
- Developed a Prediction Model to pridict stock prices based on tweets from Elon Musk.

Athenaeum | *Python, Flask, Firebase, Machine Learning, HTML, CSS, JS, Git* November 2020 – January 2021
- Application to Provide an Eco-system for online Education.
- Developed a full-stack web application using with Flask serving a REST API with Firebase as Database.
- Implemented Firebase Authentication to log and maintain users.
- Used Machine Learning to evaluate Response Quality.

Warehouse Manager | *Python, Flask, MySQL, Git* November 2021 – January 2022
- Developed a Inventory Management Web Application made with Flask and MySQL.
- Application can be used in multi warehouse companies.

EDUCATION

Acharya Institute of Technology Bangalore, India
Bachelor of Engineering in Computer Science *August. 2019 – Present*

The Air Force School New Delhi, India
Matriculate and Intermediate *April. 2011 – March 2018*

AWARDS

Winner of Lakshay Forum Activity 2022
- Develop a web site with HTML, CSS, JS and also 3D elements with Three JS.

Finalists of the Innovative Futuristic Product Prototype Challenge 2020
- Application to Provide an Eco-system for online Education
- Developed a full-stack web application using with Flask serving a REST API with Firebase as Database
- Implemented Firebase Authentication to log and maintain users
- Used Machine Learning to evaluate Response Quality

Winner of Automation Interbranch 2019
- Develop an easy to use and affordable Home automation appliance.
- Used resources like Arduino UNO, with Relay module to achieve the result.

Technical Skills

Languages: C/C++, Python, SQL (MySql), JavaScript, HTML/CSS
Frameworks: Selenium, Flask
Cloud Platform: AWS
Developer Tools: Git, Docker, VS Code, Visual Studio
Libraries: TensorFlow, MediaPipe, SK-Learn, NLTK, pandas, NumPy, Seaborn