ASHISH PILLAI

Address: Sipcot road, Siruseri, Chennai
             Tamil Nadu
Mobile: (+91) 9176060830,7909296054
Github: https://github.com/ashish21095
Email: ashishkumarpillai21095@gmail.com
Linkedin: www.linkedin.com/in/ashish21095

Experienced Python Backend developer committed to maintaining cutting edge technical skills and up-to-date industry knowledge. Has more than 2+ years' experience in designing innovative applications and achieving high client Satisfaction.

SKILLS AND COMPETENCIES

Tools: Python,HTML,CSS, Bootstrap,JQuery,Nodejs,Javascript,Golang Microsoft Excel,Unix shell scripting, JIRA board, Bit bucket,Github,Tensorflow,Heroku,AWS

Packages: Django,Flask,Scikit-Learn, Numpy, SciPy, Pandas, NLTK, BeautifulSoup, Plotly,Matplotlib,Statsmodels, Jupyter Notebook, Tensorflow, Keras, Seaborn,Spyder, Lxml¸Matlab.

Frontend : HTML5, CSS3,Bootstrap,Jquery,Java script.

Backend: Python, Nodejs.

DBMS: MSSQL, PSQL, DB2, Postgresql, Mongodb,MySQL

Framework: Django, Flask

Testing tools/Framework: Selenium, Postman

PYTHON PROJECTS

Django Social Media Website Clone Project
(*Django,HTML,CSS,Bootstrap,Javascript*)
- This project aims to build a clone social media website with User Authentication and styling using css and javascript.
- Responsive User Interface created using Html,CSS,Bootstrap.

Image Recognition Restful Api
(*Flask-Restful api,Python,Deep learning,Tensorflow,Heroku*)
- The objective of this project is predict the animal based on the image by using convolutional neural network and return predicted score in json format using flask restful api and hosted it on Heorku server.

Web scrapping live Intraday stock price and plotting with tech indicators
(*BeautifulSoup,Python,Node.js,Pandas,Numpy*)
- The objective of this project was to plot moving average and other indicators for multiple stocks and create a stock viewer for better trading.
- Used web socket programming in python with web scrapper running on server side and node.js on client side for plotting live data on local server.

Self Driving Car
(*Tensorflow, opencv, Deep learning, CNN*)
- The main objective of this project is to train model using deep learning to figure out the angle for steering wheel movement based on the picture frames that we receive from the camera attached to the car.
- Used convolutional neural networks to train model.

WORK EXPERIENCE

06.18--Present   **Associate software engineer,** *Tata Consultancy Services – Chennai, Tamil Nadu*

- Have Experience in creating responsive websites and restful api's for client.
- Experience in developing automation scripts for data validation and testing using Python.
- Have experience in performing Regression, Automated and Manual Testing.
- Have experience in working with DBMS such as DB2, Oracle, MSSQL, Postgresql.
- Have worked on automating manual pre validations steps for migrating data from Mainframe to SIRVAL.
- Developed Machine learning model with eighty percent positive prediction rate to categorize retailer data based on hierarchy.

02-18--04.18   **Technical Intern,** *Centre of TotalStation & Computing – Chennai, Tamil Nadu*

- Experience in developing circuit simulation, testing and plotting graph on MATLAB.
- Developed IOT projects using Raspberry pi(ARM), Arduino board and Microcontrollers.

EDUCATIONAL BACKGROUND

01-14--04.18   **Bachelor of Technology (Electronics and Communication),** *SRM University – Chennai, Tamil Nadu*

Machine learning A –Z Hands on Python and R in Data Science – Udemy
Certificate no.- UC-57292887-1f2b-4efc-92b2-924a63ead36d

Deep learning A – Z Hands on Artificial Neural Networks – Udemy
Certificate no - UC-61a75929-a572-4b8b-906e-4277459d4db1

PUBLICATIONS

Research Paper
Ashish Kumar Pillai, "*A modified long lasting pace maker using Piezoelectric nanowires for treating cardiac diseases*" , International Journal of Pure and Applied Mathematics , 2018