BHARATHKUMAR SIVAKUMAR

Python | Machine Learning |Cloud

I Want My Work To Make a Difference

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WORK EXPERIENCE

SOFTWARE ENGINEER
NAMASTE CREDIT

02/2019 – Present   *Bangalore,India*
Fintech company
Daily routine/Tasks

- Data analysis of structured and unstructured data using Pandas, Scikit-learn, NumPy and NLTK for Bank statements and Financial Statements.
- Creation and implementation of 'API' for Internal and External Purposes | Neo Banking Android App API | Tools - | Python FLASK AND DJANGO|
- Design a Highly Optimized Machine Learning Algorithm for Financial without using any of the ML based Software libraries
- Design the Configuration of Ngnix Server on AWS Server Instance and Docker Container.
- Connecting key factor as MySQL and Dynamodb for data
- Webscraping with selenium

PYTHON DATA ANALYST | CLOUD
FREELANCER

09/2018 – 11/2018   *Chennai/Bangalore ,India*
The Retail Guru-Retail analysis | Gaming Data -storage
Achievements/Tasks

- Implementation of Retail Analysis using Python Pandas module
- The Problem statement deals with the data of Super market and Customers bills.
- Analysis is based on the customer billing and products.
- Implementation of Storing live gaming data into Mongodb
- Implementation of Storing 3d and 2d gaming models into Aws S3 bucket

TRAINEE PYTHON DJANGO DEVELOPER
PEOPLE-CLICK TECHNO SOLUTIONS

12/2017 – 06/2018   *Bangalore,India*
Achievements/Tasks

- Utilized Python, Django to design server applications and client interfaces
- Handled development and management of front-end user interfaces with the help of Html, Css and Bootstrap templates

SKILLS

PYTHON   AWS-S3   AWS-DYNAMODB

AWS-INSTANCE   AWS-SERVERLESS |LAMBDA|

DOCKER CONTAINER   MYSQL   PANDAS

NUMPY   DJANGO   FLASK   ML-ALGORITHMS

PERSONAL PROJECTS

NAMED ENTITY RECOGNITION [Deep Learning]
- Creation of Custom Named Entity Recognition Model based on Convolution Neural Network and Bidirectional Lstm
- The Entities such as PERSON | LOCATION | DATE | BANK NAMES
- ACCURACY : 30%/100%

PATTERN MATCHING ALGORITHM
- Designing a Pattern for getting desired data from the unstructured data in a text or csv file
- Structuring the data,Finding Pattern and Less data loss
- ACCURACY : 70%/100%

FINANCIAL ANALYSIS ALGORITHM
- Designing a algorithm for getting data from scanned document of Financial Balance sheet and Profit& loss
- The Algorithm Segregate the data based on the format of the sheets.
- The core Mechanism of the algorithm is based on Regular Expression ,Pandas Random Forest ,Functional,conditional and Data structures.

ACHIEVEMENTS

CFI FINANCIALS MACHINE LEARNING (12/2019 – Present)
Corporate Finance Institute® (CFI)

Big Data-Hadoop (09/2017 – 11/2017)
Focus'd IT Academy

LANGUAGES

ENGLISH
Full Professional Proficiency

TAMIL
Native or Bilingual Proficiency

INTERESTS

TEACHING-TECHNOLOGY   PUBLIC SPEAKING

PROGRAMMING