Jake Mofa

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GitHub Profile
LinkedIn
Portfolio Website

Innovative and solutions-focused Python Developer with an impressive record of delivering and implementing projects constructed with Algorithm Data structures, utilizing Python libraries and web framework.

EXPERIENCE

Iron Mountain, Livermore, CA — *Database Expert*

April 2022 - PRESENT

- Maintained maximum organization with NoSql cloud service, by properly sorting project components on work tables using data visualization.
- Results-oriented quality assurance tester with expertise in a fast-paced SQL startup. With quick Software development life cycles.
- Participated in the maintenance and quality assurance of NoSQL ECO projects, after accurate quality assessment, then deployed to the offshore team.
- Conducted the flow of the database, using Automation built with python, to swiftly back up company data to the cloud.
- Utilized substantial API, used in importing and exporting data within development scripts. .

IRobot(Bds Solution), Dublin, CA — *Product Expert*

October 2021 - April 2022

- Delivered unit-tested systems with required characteristics and within customer-prescribed timeframes.
- Conducted regression testing, analyzed results, and submitted observations to the development team.
- Conducted integration test types ranging from data to Database
- Orchestrated and developed holistic systems for It management and Process-centric BPM
- Identified possible system enhancements to improving functionality and streamline administration.

Fashionista Africa, Remote: Cameroon — Backend Developer

Feb 2020 - October 2021

- Conducted data modeling, performance, and integration testing.
- Monitored and maintained, back-end cloud MYSQL, Connecting user-facing front end with all important back-end functionality and data.
- Identified possible system enhancements to improve functionality and streamline administration.
- Designed, developed, modified, and debugged programs.
- Orchestrated with backend team to restructure API and reduced number of API

SKILLS

- Python
- Javascript
- Django & Flask
- Git & Gitbash
- HTML5 & CSS3
- SQL & NOSQL
- API & REST
- Kubernetes
- CI/CD
- Pandas/Numpy
- OOP
- Debugging SSH
- Docker
- AWS & AZURE
- LINUX & Terminal Bash

AWARDS

- PCEP - Certified Entry-Level Python Programmer(PCEP)
- Crash Course on Python certificate by Google, issued by Coursera
- Google IT Automation with Python Professional Certificate
- PCAP – Certified Associate in Python Programming certification(PCAP): In progress Completion date: Aug 30

EDUCATION

Associate in Science:

San Joaquin Delta College, California, January 2022

Undergoing Bachelors Degree:

request queries by 28%.

Gaz Du Cameroun, Douala-Cameroon — Assistant Jr Software Engineer

Mar 2018 - Feb 2020

- Orchestrated efficient large-scale software deployments with AWS and designed technology solutions that met or exceeded performance expectations.
- Utilized cloud foundry for efficient building on top of Kubernetes
- Developed several algorithms Python script automation for daily maintenance, of data visualization charts, indexes, tables and data analyses.
- Designed and maintained streamlined, reusable and reliable code for use within distributed cloud environments(AWS,Postgressql,NoSql).
- Efficiently deployed and integrated software engineered by our team and updated integration/deployment scripts to improve continuous integration practices.
- ·Maintained CI/CD streamlines, by establishing a service to test code quality by going through Source,Build, Test then deploy, integrating new code for development and deployment.

PROJECTS

Python MSOffice365-Stock-Data-visualization—
- This was an on-demand project which uses python algorithm structures, MS office 365 NumPy, and pandas.
- The program connects and fetches data from MS office stock options within MS .
- It stores the information in a CVS file.
- It allows the user which particular stock/currency they would like to view.
- It displays the raw information stored in a live visualization graph.

 [Python MSOffice365-Stock-Data-visualization code](#)

Fashionista Africa Website-
- This project is a website to which I contributed to the maintenance and back-end development of the Webpage
- It Allows customer/front-end users to come to the website and see various outfits
- It displays real-time clothes updated by the merchant
- it enables the customers to place orders, shipments and monitored by real-time

-[Website](#)

Ethereum AI Forecaster-

This is a project developed with python scripts, Jupyternotebooks. pandas and finance.

It uses yfinance to pull Ethereum price history and displays the current price from 2018

-Ir displays a future visual prediction of how the price of Eth would be. [Eth Code](#)

Stock history Price Analytics-

This is a developed project that uses python scripts and pandas to web scrape data off of yahoo finance and plots a data visualization graph chart on specific stocks imputed by the user. [Stock History Price Analytic code](#)

San Jose State University
Completion date: Aug 2024

Accomplishments
- Used Microsoft Excel to develop inventory tracking spreadsheets.
- Resolved product issues through consumer testing.
- Developed solid working knowledge of engineering, design, and architecture as the Jr Software Developer on a team of 15.
- Used Jupyter Notebooks to store functions of code and execute them at hand
- Used Terminal to connect a python code to directories so when the code executes it pulls files from the terminal.