

DETAILS

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SAN FRANCISCO,CA
PHONE

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Jakemofa@gmail.com

LINKS
GitHub Profile
LinkedIn

Portfolio Website

SKILLS

BackEnd Development| Python, PHP, C#, Node.js, Express, Flask, Django, Laravel, Yii2

FrontEnd Developement| Javascript, Typescript, React, JQuery, HTML5, CSS3, Bootstrap

Databases|MySQL, NoSQL,PostgresSQL, Amazon Redshift

Devops/Infrastrucuture| Git, Gitbash, Kubernetes,CI/CD, Docker, Linux, TerminalBash, AWS, Azure,Jira, Jenkins, Linux

Miscellaneous| REST· Pandas/Numpy, UNITY,Petal Metrics API,OOP,Debugging SSH, Blender, Shoppify liquid API,

AWARDS
PCEP - Certified Entry-Level Python Programmer(PCEP)- Crash Course on Python certificate by Google, issued by Coursera

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Google IT Automation with Python Professional Certificate

PCAP – Certified Associate in Python Programming certification(PCAP)

Meta Back -end Developer Professional Certificate

Introduction to APIs in Google

Javascript Deeper Dive Cert. issued by scrimba

Front End Developer Career Path cert.

EDUCATION

Associate in Science: San Joaquin Delta College, California, January 2022

Undergoing Bachelor's Degree: San Jose State University Completion Date: Aug 2024

JAKE MOFA
SOFTWARE ENGINEER

PROFILE

Innovative and solutions-focused Software Engineer skilled in both front-end and back-end development. Delivers exceptional digital experiences using advanced algorithms, data structures, and web frameworks. Driven to continuously learn and stay at the forefront of technology.

EMPLOYMENT HISTORY

Software Engineer

- VENDO, Los Angeles | Nov 2022 - Present
- Supervised and managed a team of 5 developers to ensure punctual project delivery and efficient development processes.
 - Designed and implemented a PHP-based REST API for extracting data from Amazon's SP API and Ads API, integrating the data into a React front-end.
 - Deployed and maintained containerized front-end and back-end applications using Docker and Kubernetes for improved application management.
 - Developed efficient PHP and Python scripts with Yii2 and Django frameworks for AWS service interactions and MYSQL database manipulation.
 - Collaborated on crafting engaging user interfaces with Javascript, incorporating dynamic graphs and charts, while enhancing AWS infrastructure using EC2, Lambda, AMC, RDS, and Elastic Beanstalk.

Software Engineer (Contract)

- Phenotype, NewYork | Jan 2023 - Mar 2023
- Operated Touch Designer to convert live brain activities into EEG data and built a reactive Front-end UI using React and JavaScript for customized data display.
 - Worked with Petal Metrics API to stream live EEG data to Touch Designer and Blender, incorporating Node.JS and JavaScript scripts for streamlined data transmission.
 - Wrote Python scripts to convert real-time EEG data into visualizations using Petal Metrics API, automated CSV export for Unity integration, and subsequent upload from Blender to AWS-hosted Airtable
 - Utilized AWS Lambda services and Shopify Liquid API for CSV data export from Airtable to Shopify, enabling client purchases.
 - Implemented Lambda services to efficiently transfer CSV data to the Front-end Operator Controller (GUI), ensuring user-directed playback.

Database Specialist

- IronMountain, Livermore| Apr 2022 - Nov 2022
- Organized and sorted project components within Oracle NoSQL cloud services using SQL syntax, complemented with data visualization tools.
 - Participated in managing Oracle NoSQL database project files, ensuring thorough cross-checks before transferring to our offshore team for final quality assessment and deployment.
 - Automated the database backup process using Python scripts to interact with the REST API, facilitating efficient data storage in Oracle cloud infrastructure.

Product Expert(BDS Solution)

- IRobot, Irvine CA| Oct 2021- Apr 2022
- Performed detailed regression testing on Roomba robot software systems, identifying and reporting anomalies for further development improvements.
 - Reviewed and analyzed Roomba robots' software systems, suggesting enhancements for optimized functionality and administration efficiency.

Backend Developer

- Fashionista Africa, Cameroon,Douala | Feb 2020 - Oct 2021
- Initiated a containerized Django framework with Docker for Python scripts, streamlining server-side components and integrating APIs to seamlessly populate back-end data from PostgreSQL queries.
 - Optimized heavy website elements via PostgreSQL queries, achieving improved responsiveness and a notable 20% reduction in database costs.
 - Collaborated with the back-end team to refine APIs, effectively reducing API request queries by 28%.

Assistant Jr Software Engineer

- Gaz Du Cameroun, Los Angeles | Mar 2018 - Feb 2020
- Actively contributed to software development initiatives using C++, C#, and Python, driving the creation and enhancement of user-centric interfaces and internal tools.
 - Streamlined the CI/CD pipeline, innovatively developing a service to ensure comprehensive code quality checks from development to deployment, enhancing project delivery efficiency.
 - Assisted in optimizing SQL databases, utilizing advanced techniques for efficient data retrieval, thereby significantly bolstering system performance and reliability.

Python MSOffice365-Stock-Data-visualization

- Developed a program that connects and fetches data from MS office stock options and stores the information in a CSV file.
- Implemented python algorithms, MS office 365 NumPy, and pandas for the project.
- Provided a user-friendly interface to view the raw information stored in a live visualization graph.

Python MSOffice365-Stock-Data-visualization code

OatsCraft

- Worked with a small team to solve problems and find solutions through design thinking.
- Designed and built a web application using React and Next.js and translated it with IBM Watson Translator.
- Deployed the application to Cloud Foundry on IBM Cloud.

Website

Ethereum AI Forecaster

- Developed a forecasting tool for Ethereum price using python scripts and Jupyternotebooks, pandas, and yfinance.
- Displayed a future prediction of Ethereum price based on historical data.
- Eth Code

Stock History Price Analytics

- Created a project that web scrapes data from yahoo finance and displays a data visualization graph chart for specific stocks.
- Utilized python scripts and pandas for the project.

Stock History Price Analytic code

NFT Network Analysis

- Developed a code that imports and analyzes NFT data stored on Kaggle as a SQLite database.
- Utilized SQLite and pandas to import, sort and group data to obtain a list of the 5 biggest projects based on total volume.

Website