

Willie David Jones III

(424) 268-8196 | Williejones005@gmail.com | <http://williedavidjonesiii.com> | <https://github.com/wjone005>

Skills

Languages & Software: JavaScript, Python, Bash, HTML5, CSS3

Systems: Mac OS X, Linux, Windows

Databases: Oracle, MySQL, MariaDB

Tools: AWS, Heroku, Digital Ocean, Git, Bootstrap, Flask, Jira, ServiceNow, Confluence, WordPress

Projects

Crypto Currency Portfolio Tracking App | [Code](#)

- Developed a web application using Python and Flask that allows users to easily track their crypto currency investments.
- Integrated DataTables jQuery JavaScript library allowing users to effortlessly apply table filters.
- Incorporated persistent data to archive crypto currency investments.
- Designing RESTful backend server enabling crypto currency investments to be stored persistently in an online database.
- Utilized: Python, Flask, SQLite, DataTables, Auth0, Bootstrap, CoinGecko API, Local Persistent Data, Heroku

Netflix_Tinder App | [Code](#)

- Developed a web application using Python and Flask to generate Netflix movie recommendations.
- Created a 'Tinder like experience' by using a similar bootstrap UI functionality.
- Implemented Facebook and Google Authentication allowing easier user login processes.
- Utilized: Python, Flask, Bootstrap, OMDb API, Facebook API, Google API, SQLite, Local Persistent Data, Git

Work Experience

Programmer/Analyst III, City of Los Angeles

Aug 2021-Present

- Develop and deploy a React web application on AWS using Amplify, Lambda, RDS MySQL, GraphQL, Node.js and Okta API, enhancing user engagement by 60%.
- Implement an algorithm using Python, Placekey and US Census API to match campaign contribution data in gigabytes of datasets, resulting in a 300% increase in efficiency.
- Worked collaboratively on a team of three developers, developing and maintaining multiple high-traffic web applications.

Software Developer/Citrix Systems Analyst, AIG

Sep 2017-Aug 2021

- Improved IT workflow by developing a Python and PowerShell CLI tool to resolve 90 percent of user reoccurring issues.
- Produced a Python real time monitoring tool using WatchDog API to reduce unauthorized access to folders.
- Saved roughly 3-man hours per month by automating importing SOX and/or PCI compliance data via FTP, PowerShell and Autosys.
- Migrated on premise applications to AWS cloud reducing on premise server cost, improving availability and scalability.

Web Developer/Systems Administrator (Contractor), WHJSC

Jul 2010-Present

- Own site performance with an emphasis on speed and caching.
- Migrate website to AWS LightSail which resulted in an increase of traffic, improved navigation and cut cost.

Education

State University of New York College at Buffalo, Buffalo, NY

Bachelor of Science in Computer Information Systems

May-2015