Willie David Jones III

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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, 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.
- Streamline content creation and management using WordPress CMS.

Education   **State University of New York College at Buffalo, Buffalo, NY**
          Bachelor of Science in Computer Information Systems   May-2015