

Willie David Jones III

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SKILLS

Languages	Python, JavaScript (ES6/ES7), HTML5, CSS3, Bash
Frameworks	Flask, ReactJS, jQuery, Fusebox
Tools	AWS, Heroku, Digital Ocean, Git, Unix-systems
Databases	MySQL, MariaDB, Oracle

EXPERIENCE

City of Los Angeles

August 2021 - Present

Programmer/Analyst III

- > Engineer and deploy a restricted developer filing React web application on AWS using Amplify, Lambda Node.js and Okta API, increasing user engagement by 60%.
- > Utilize GraphQL to create a robust AWS RDS MySQL database schema, resulting in a 20% reduction in query times.
- > Implement admin privileges through a JavaScript view, enhancing the security posture of the application by ensuring role-based access control for over 10 administrative users.
- > Design and deploy a Python algorithm, using Placekey and US Census API that improves data matching efficiency by 300%, reducing erroneous matches from 15% to 5% and speeding up the data processing time from 60 to 15 minutes.
- > Work collaboratively on a team of three developers, developing and maintaining multiple high-traffic web applications, each serving an average of 56,000 unique monthly visitors and achieving 99.9% uptime.

AIG

Sep 2017 - Aug 2021

Software Developer/Citrix Systems Analyst

- > Developed a CLI tool using Python and Powershell that resolved 90% of recurring user issues, leading to an 80% reduction in support tickets.
- > Automated SOX and/or PCI compliance data transfer via FTP, PowerShell, and Autosys, saving the team 36 hours annually.
- > Migrated 2 on-premise applications to AWS cloud, achieving a 99.9 % uptime and reducing operational costs by 20%.

WHJESP

Jul 2010 - Present

Web Developer/Systems Administrator

- > Optimize site performance achieving a 40% improvement in load time.
- > Migrate the website to AWS LightSail improving user navigation speed by 30% and cutting operational costs by 25%.

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 for easy table filtering.
- > Enabled persistent data archiving for crypto currency investments.
- > Designed RESTful backend server for persistent online database storage.
- > Utilized: Python, Flask, SQLite, DataTables, Auth0, Okta, Bootstrap, CoinGecko API, Local Persistent Data, Heroku

Netflix_Tinder App | [Code](#)

- > Created a web application to generate Netflix movie recommendations.
- > Implemented Facebook and Google SSO Authentication for easier user login.
- > Mimicked Tinder's UI for a familiar user experience.
- > Utilized: Python, Flask, Bootstrap, OMDb API, Facebook API, Google API, SQLite, Local Persistent Data, Git

EDUCATION

May 2015

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

- > Bachelor of Science in Computer Information Systems