

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

- > 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

- > 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 Bachelor of Science in Computer Information Systems

EDUCATION

May 2015

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

- > Bachelor of Science in Computer Information Systems