

John Owolabi Idogun

github.com/sirnej

Jacksonville, FL (Open to Relocation or Remote, No visa sponsorship needed)

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PROFESSIONAL SUMMARY

Software Engineer with 4+ years of experience, including FinTech, freelancing, and research. Skilled in building scalable, secure systems using Python, C++, C#, Java, JavaScript, Go, and Rust. Proven success in automating processes, enhancing user experiences, and integrating innovative solutions.

KEY SKILLS

- **Programming:** Python, Rust, Golang, Java, C# (.NET), JavaScript, TypeScript
- **Databases:** PostgreSQL, MySQL, MongoDB, CoackroachDB, Neo4j, DuckDB
- **Other Skills:** Git, ORM, Docker, AWS, GCP, Digital Ocean, Markdown, Svelte, React, MVC, REST APIs

PROFESSIONAL EXPERIENCE

- **Arve Limited (QuickCheck)** Lagos, Nigeria
Software Engineer Oct. 2021 - Oct. 2023
Arve Limited is a leading provider of financial services for individuals and small businesses in Nigeria through its online lending platform.
 - **Payment Integrations:** Streamlined payment operations by seamlessly integrating payment gateways like Monnify and Pystack to handle over **500K daily transactions**.
 - **Loan Investigation:** Created an automated loan investigation system, reducing manual processing time by **50%** and improving issue accuracy.
 - **Loan Recovery:** Integrated multiple agencies for loan recovery, automating updates to Google Sheets, reducing labour by **40%**, and ensuring accurate commission payments.
 - **User Credit Levels:** Automated customer credit level upgrades, reducing errors by **70%** and improving user experience.
 - **Dynamic Django Global Settings:** Implemented a dynamic settings modification system, reducing server downtime by **20%** without restarts.
 - **Technologies:** Python 3 (Django & Django REST Framework, MyPy), PostgreSQL, Pytest, Celery, JavaScript (jQuery & Ajax, ReactNative), C# (.NET), Docker, Linux (Ubuntu), Git (GitLab), Trello.
- **ipNX Nigeria Limited** Lagos, Nigeria
Research & Systems Architecture Intern Aug. 2019 - Jan. 2020
ipNX is an ICT company providing corporate and residential customers with network connectivity, internet, telephony, TV, and cloud-based services.
 - **Internet Subscription Management:** Engineered an internet subscription management system featuring **real-time data visualization** using Chart.js and JavaScript along with Python, elevating subscription tracking and data accuracy by **25%**.
 - **Documentation Portal:** Created a documentation system with threaded commenting, full-text search, and CRUD functionalities, enhancing documentation accessibility and collaboration by **30%**.
 - **Technologies:** Python (Django and Flask), JavaScript, C# (.NET), Linux (Ubuntu), Git(GitHub)

ADDITIONAL EXPERIENCE

- **Stony Brook University** Stony Brook, New York, United States
Graduate Teaching & Research Assistant Aug. 2023 - Present
New York State flagship University.
 - **Database Design and Practice (ISE305):** Enhanced students' comprehension of **database design principles** and resolved SQL-based inquiries to elevate performance.
 - **Research:** Achieved enhanced data accuracy by streamlining the performance analysis in logic and database systems to eradicate manual processes using Python for automated analysis.
 - **2D Game Programming (CSE 380) & Software Engineering (CSE 416):** Played a pivotal role in spearheading student projects dedicated to automating healthcare processes, resulting in a remarkable 50% decrease in processing time by leveraging MERN stack technologies.
 - **Computer Systems Fundamentals I (CSE 220):** Designed and administered test cases, supervised exams, and assessed assignments using Excel and Learning Management System (LMS) software to enhance operational efficiency by 20%.
- **DEV Community** Online
Volunteer Technical Writer and Trusted Member June 2021 - Present
DEV is a community of software developers getting together to help one another out.
 - **Technical Writer:** Drove a significant increase in engagement and readership through over **60 top-tier technical content** focusing on Software Engineering challenges, utilizing Python, Rust, Go, C# (.NET), and JavaScript/TypeScript.

- **GitHub + DEV 2023 Hackathon Runner-Up:** Secured the runner-up position in GitHub + DEV 2023 Hackathon by authoring articles on enriching GitHub actions with an efficient, secure, and dependable session-based authentication system orchestrated with Django and SvelteKit, commended by participants for its innovation.
- **Trusted Member:** Fostered positive interactions and maintained community guidelines on DEV Community by managing inappropriate content discussions as a Trusted Member, using adherence tools from the Trusted Member panel, and overseeing 500+ interactions.

EDUCATION

- **Federal University of Technology** Akure, Nigeria
Bachelor of Engineering in Computer Engineering; CGPA: 3.72 (4.65/5.0)
Nov. 2015 – Oct. 2021
The Federal University of Technology, Akure is the top public university in Nigeria.
 - **Minor:** Electrical and Electronics Engineering.
 - **Award:** Best graduating Computer Engineering student. **Top 1% of the class.**
 - **Thesis:** Web-based collection, visualization, and analysis of crowd-sourced energy data from commercial and residential buildings.