JOSHUA ADEWOLE
SOFTWARE ENGINEER
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EXPERIENCE

Victoria Bros. Global (Fully Remote)
Software Engineer Mar. 2025 - Present
Tools: Python, AWS, FastAPI, MongoDB, Celery, Redis, FFmpeg, TypeScript, Rust, Docker, Grafana, AI, NextJs.

- Built and maintained internal libraries and tools in Python - making development (workflows), such as ETL pipelines, more organized, optimized and faster, across the teams' python projects.
- Developed a video transcoding pipeline (using Celery, FFmpeg, Redis) with retry handling and processing state tracking for uploaded content.
- Built an AI-powered image generation feature by integrating Gemini and DALL-E into the backend request pipeline.

Part-Time Flutter Engineer - Dayout Technologies LLC, Texas/USA (Fully Remote) Oct. 2024
Tools: Flutter, Dart, MixPanel.

- Integrated mobile notifications with tailored and structured messages, to enhance user experience and retention.
- Integrated behavioral analytics tools to generate actionable insights that informed product and management decisions.
- Implemented user reaction features and interactive UI components to increase user engagement

Software Engineer - Cliqki Technologies (Fully Remote) Oct. 2022 - Dec. 2023
Tools: Python, Django, Django Rest Framework, Docker, PostgreSQL, AWS, Git, GitHub, Jira, Confluence, Linux.

- Developed an automated report generator in Excel using Python's Openpyxl, optimized for **millions** of data.
- Led backend development and maintenance of a Django REST API (100k+ users, about 10k DAU), ensuring continuous delivery and system stability during a reduced team phase.
- Managed **user retention** via a continuous and periodic mail reminder to critical users and achieved over **50%** retention.
- **Optimized** queries, saving over **50%** load times on several API calls and services, using parallel processing, advanced data structures and algorithms and other fundamental concepts.

Software Engineer - Freelance (Fully Remote) Apr. 2022 - Oct. 2022
Tools: Dart, Flutter, Git, GitHub, Firebase.

- **1** mobile app released to PlayStore and AppStore.
- Implemented a significant part of the User Interface design from Figma as screens, widgets and components in Flutter.

Software Developer - MiBolsillo Financial Technologies, Lima/Peru (Fully Remote) Apr. 2021 - Mar. 2022
Tools: Dart, Flutter, Firebase, Trello, BitBucket, Git, GitHub

- Spearheaded 50% of the team's operations and responsibilities, during the technical Lead's unavoidable absence.
- Created visually compelling features such as a "Target saving goals" feature providing a gamified way for thousands of LATAM users (roughly over 15,000 users located across 5 countries), to make good financial decisions .
- Collaborated and migrated existing codebase from v1 to v2; and in turn improved the team's KPI by **50%**.

SKILLS AND TOOLS

Soft Skills: Effective verbal & written communication, Cross-functional collaboration, Active listening.
Tools: Python, Dart, JavaScript,Vue, Nuxt, Git, GitHub, BitBucket, Jira, Trello, Netlify, Vercel, Docker, PostgreSQL, MongoDB, Rust.
Interests: Public Speaking, Finance, Mathematics, Chess, Story-telling.
Language: English (C1/C2, Native) [IELTS June 2022 BAND 8/9], Yoruba (B1, Conversational), German (A2/B1, Intermediate).

EDUCATION

B.Sc. Systems Engineering - **University of Lagos** - **Graduated** with a 4.15 / 5.0 [**Second Class Upper**]
Relevant Courses: Machine learning, Technical Communications, Systems Reliability and Maintainability.

VOLUNTEERING & PERSONAL EXPERIENCE

Personal Projects: voice transcription sample API(ref), Python Envy Jnr (ref), Travel app UI (ref)
Open Source: TheNewBoston Bank (ref)
Speaking Engagement: PyCon NG '24 (ref)
Tutoring: Python Instructive Class - KGL (Python) [Aug '22], Python and Arduino Summer camp FINS [Aug '23], Insightful EduWorld Part-time Tutor (Chess & Python) [Jun. '24]