

Ajibola Awotide

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Professional Experience

Software Developer I - Pesira

January 2026 - Present

- Developed and maintained RESTful APIs using Java Spring Boot, enabling seamless communication between backend services and frontend applications
- Built responsive and dynamic user interfaces with React, improving user experience and reducing page load times through component optimization and state management
- Managed and optimized database operations on Google Cloud Platform (GCP), including query optimization, schema design, and ensuring data integrity across production environments
- Collaborated in an agile development environment to deliver full-stack features end-to-end, from database layer through backend services to frontend implementation.

Software Developer Intern - Pesira

August 2025 - December 2025

- Developed a high-volume QR code generation pipeline capable of processing 850,000+ unique QR code images with custom embedded branding. Automated the end-to-end workflow, including image generation, PDF compilation, file compression, and secure upload to Google Cloud Storage (GCS) for distribution by emailing the user a download URL.
- Implemented an offline mode feature that enables users to use a module in the web application without a network connection. When in offline mode the program fetches data from the database and stores it on the browser using the indexedDB API. Requests are saved until they are sent by the user when there is a network connection.

Projects

A Terminal Based Application Manager | [Go](#) | [Yay](#)

- Built a TUI application in Go that manages custom keyboard shortcuts for launching applications
- Implemented application discovery and SQLite3 persistence to store and manage application settings and hotkey configurations
- Designed an interactive terminal UI with search, multi-column navigation, hotkey recording, and application mode management using the BubbleTea framework

CLI Tool for Running Multiple Commands Concurrently | [Rust](#) | [Tide](#)

- Developed a high-performance CLI tool to run multiple commands concurrently across projects with multiple languages.
- Enabled simultaneous startup and shutdown of services with automated restarts on file changes.
- Implemented configurable .toml support for flexible project setup, including file/directory ignore rules.
- Ensured cross-platform compatibility, supporting both Unix and Windows environments.

Education

Ontario College Diploma - Business Marketing, Seneca Polytechnic, Toronto, Ontario.

B.Eng. - *Agricultural Engineering*, Olabisi Onabanjo University, Ogun State, Nigeria.

Certifications

- **Computer Science for Web Programming** - Harvard Online.
- **Web Programming with Python and JavaScript** - Harvard Online.

Skills

- **Programming Languages:** Python, JavaScript/TypeScript, Rust, SQL, Go, Java.
- **Frameworks:** ReactJs, AstroJs, TailwindCSS, Django, FastAPI, Springboot.
- **Scripting:** Bash, PowerShell.
- **Tools & Platforms:** Git & GitHub, Docker, Hosting (Railway, Linode VPS), Google Cloud Platform (GCP).