Ajibola Awotide

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Professional Experience

Full Stack Software Developer Intern - Pesira   *August 2025 - Present*
- 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

AI-Powered Business Assistant | *Python, Google Workspace APIs, Gemini AI, Javascript, Tailwind CSS, HTML*
https://github.com/Builtbyjb/thinkledger
- Developing an intelligent assistant that integrates business financial accounts with Google Workspace services.
- Automates bookkeeping and generates real-time financial statements, automatically synced and updated in Google Sheets.
- Enables users to connect bank accounts securely and receive AI-powered financial insights via Google Chat.
- Manages CRM workflows through Google Contacts and Google Calendar, including automated reminders for accounts payable and receivable.
- Ensures secure authentication and access management using Google OAuth 2.0.

CLI Tool for Running Multiple Commands Concurrently | *Rust*
https://github.com/Builtbyjb/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.

Platform Specific Installation Scripts | *Bash, PowerShell*
https://github.com/Builtbyjb/tide
- Developed installation and uninstallation scripts for CLI applications using Bash (Unix) and PowerShell (Windows).
- Automated setup and removal processes to improve reliability, reduce manual steps, and ensure seamless cross-platform deployment.

Education

Ontario College Diploma - *Business Marketing***,** Seneca Polytechnic, Toronto, Ontario.
B.Engr. - *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, Java.
- **Frameworks:** ReactJs**,** AstroJs, TailwindCSS, Django, FastAPI.
- **Scripting:** Bash, PowerShell.
- **Tools & Platforms:** Git & GitHub, Docker, Hosting (Railway, Linode VPS), Google CLoud Platform (GCP).