Girgis Adel

Software Developer & Digital Solutions

São Paulo, Brazil · Remote · gogy.bairy@gmail.com · +55 48 98808-2398 (WhatsApp) · girgis2005.github.io

SUMMARY

Developer who turns slow, manual work into software that runs itself. I build browser and data automation in Python and TypeScript, bilingual web platforms (Next.js, Laravel, Node.js) and Flutter apps that are live on Google Play, and I own the whole path: design, build, release and maintenance. I use modern tools, AI-assisted development included, and I review and test everything before it ships.

SKILLS

Languages: Python, TypeScript, JavaScript, Dart, Kotlin, PHP, SQL

Automation: Playwright, Selenium, Chrome DevTools Protocol, Requests/HTTPX, BeautifulSoup, scheduling, push alerts, Excel/CSV pipelines, Tkinter desktop tools

Web: Next.js, React, Prisma, Laravel, Livewire, Filament, Node.js, Express, WebSocket, MySQL, SQLite, JWT, role-based access, multi-tenancy, PWA

Mobile: Flutter, Dart, Kotlin (Android services), SQLite, Firebase, Play Billing, notifications and alarms, home-screen widgets, Google Play releases

AI integration: LLM translation APIs with fallbacks, on-device OCR, speech-to-text, text-to-speech, WhatsApp bots

Practices: Git and GitHub, automated tests, Docker, Cloudflare, Arabic RTL + English interfaces, AI-assisted development with manual review

EXPERIENCE

Automation Developer — Independent

Remote · 2021 – Present

- Built a large-scale distributed web-automation platform in TypeScript: a central Express + WebSocket dashboard drives a fleet of outbound-connecting agents, one per machine, with JWT auth, remote commands and live CPU, memory and process telemetry.
- Designed two interchangeable transports (a direct HTTP client and a Playwright browser) over one task pipeline; the HTTP path uses roughly a tenth of the CPU and memory of a browser.
- Added per-step checkpoints so interrupted runs resume at the exact step, and classified every attempt so temporary failures are not mistaken for permanent ones.
- Built read-only appointment watchers with Playwright over CDP and two-tier phone alerts; the consulate watcher alone made 6,022 checks in about three weeks, and four appointments were booked.
- Built a local Python pipeline that turns a written script into a finished 1080p animated video with narration, lip-sync and captions (a 50-second video renders in 43 seconds on CPU).

Full-Stack Web & Mobile Developer — Independent

Remote · 2023 – Present

- **Lu Lingo** (Google Play): a language app for Arabic speakers with 9 languages and 53,057 words, offline-first, with Firebase backup, Cloud Functions and Plus/Pro subscriptions in 174 countries; shipped after closed testing with 177 testers.
- **House of Amría**: a bilingual (Arabic/English) store for an Egyptian cotton home-textiles brand with hotel and trade orders, first on Laravel + Filament and rebuilt on Next.js + Prisma; delivered to the client.
- **Structure ERP** (built together with Simon): a multi-tenant ERP across 12 business areas on Laravel + Livewire, with 84 models, 65 controllers, role-based permissions and full Arabic RTL + English; in development.
- **StitchHub**: a system for an embroidery workshop delivered as a web dashboard and an offline-first Flutter Android app over one Node.js + SQLite API.
- **WhatsApp store bot**: a whatsapp-web.js bot with an Express + EJS dashboard for a clothing shop (conversations, catalog, orders, broadcasts); delivered to the store.
- **Gesr**: a translator PWA for Egyptian Arabic, English and Brazilian Portuguese with voice, camera OCR and a relocation phrasebook, live on GitHub Pages.
- Published and maintain **Lu Lingo, Lu Flow, Lu Peek and Lu Aqua** on Google Play, and shipped the Android 16 (target SDK 36) and Billing 8 upgrade for five apps (four public, one in closed testing) before the August 2026 deadline.

LINKS

Portfolio: girgis2005.github.io · **GitHub:** github.com/Girgis2005 · **LinkedIn:** linkedin.com/in/girgis-adel-dev

Published on Google Play: Lu Lingo · Lu Flow · Lu Peek · Lu Aqua

Source code: Structure ERP · House of Amría (Laravel version) · StitchHub · WhatsApp Store Bot · Gesr · Distributed Web Automation (architecture)

LANGUAGES

Arabic — native · **English** — professional working proficiency · **Portuguese** — basic, learning