

OLORUNFEMI JOHN

Tech Automation Specialist | Python, Workflow Automation, Full Stack

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[Portfolio: thegoodb0rg.pages.dev](https://thegoodb0rg.pages.dev) | [GitHub: github.com/theGoodB0rg](https://github.com/theGoodB0rg) | [LinkedIn: linkedin.com/in/john-olorunfemi](https://linkedin.com/in/john-olorunfemi)

SUMMARY

I am a Tech Automation Specialist with 5+ years building software that saves teams time and cuts manual work. I help busy teams stop copying and pasting all day. I turn that work into scheduled pipelines that run on their own, with clean data you can trust. I work with Python, web scraping, REST APIs, Next.js, React, TypeScript, Node.js, and Kotlin. My tools are live and used by real people. I test my work, document it clearly, and build with security in mind.

SKILLS

- **Automation and Data:** Python, web scraping, Playwright, BeautifulSoup, REST APIs, Pydantic, JSON, CSV, Excel, SQLite, PostgreSQL, Pandas
- **Workflow Reliability:** scheduled jobs, checkpoint resume, retry with backoff, rate limiting, deduplication, schema validation
- **Web and Full Stack:** Next.js, React, TypeScript, JavaScript, Node.js, Express, HTML, CSS, Tailwind CSS
- **Mobile:** Kotlin, Jetpack Compose, Android Accessibility APIs, Media3, FFmpeg, Room, SQLite
- **Quality and Delivery:** Pytest, Vitest, Git, GitHub Actions, Docker, Linux, Agentic Coding (Claude Code, Cursor, Codex), WCAG 2.2, OWASP Top 10

EXPERIENCE

Vtnation | Tech Automation Specialist. Oct 2026 to Present | Remote

- Build and maintain scheduled Python pipelines that collect, clean, and store data so the team gets fresh records without manual work.
- Add validation, deduplication, and error handling so bad or repeated records do not reach the business.
- Write clear runbooks and docs so anyone on the team can see what each job does and how to fix it fast.

AudioEye | Web Accessibility and DOM Automation Engineer, Contractor. 2026 | Remote

- Automated checks with headless browsers to test page states and live changes at scale, which cut down slow manual audits.
- Fixed enterprise sites for WCAG 2.2 AA with client side JavaScript, including keyboard flow, focus order, and ARIA widgets.

UtilityFirst | Technical Lead / Data Systems Architect. 2025 to Present | Remote

- Lead technical design and turn product goals into simple systems that ship and are easy to maintain.
- Built modular Python provider pipelines with checkpoint resume and retry logic so long jobs finish on their own with no duplicates.
- Set data contracts with Pydantic and strict tests with Pytest so bad data gets caught before it ships.

Independent Developer | Freelance Web and Automation Solutions. 2020 to Present | Remote

- Designed, built, and shipped live products end to end for clients and my own launches, from idea to deployment.
- Talked directly with clients to turn rough ideas into working software that is fast, private by design, and easy to use.

SELECTED PROJECTS

JsonExport: JSON to Excel and CSV in the browser. Next.js, TypeScript, Monaco Editor. Live: jsonexport.com
| Code: github.com/theGoodB0rg/json_hub.

- Built a tool that reads nested JSON files up to 100MB and exports clean Excel and CSV fully in the browser.
- This means analysts get work done in seconds with no server upload, so private data stays private.

ListingHarvester: Resilient web scraping framework. Python, BeautifulSoup, SQLite, Pytest. Code: github.com/theGoodB0rg/listing-harvester.

- Built a scraper with pluggable sources, rate limits, deduplication, and JSON, CSV, and SQLite export.
- Added checkpoint resume and auto retry so long jobs survive crashes and finish with zero duplicate rows.

VideoMascot: Automated animation engine. Python, FFmpeg, in memory streaming. Code: github.com/theGoodB0rg/VideoMascot.

- Built a 2.5D animation engine with 9 viseme lip sync from audio and simple body movement solving.
- Streams frames straight to FFmpeg in memory, so teams can batch create videos fast with low disk use.

DaintyProofreader: Commercial AI proofreading app. React, JavaScript, Node.js, LLM APIs, Payments. Live: daintyproofreader.com.

- Built and shipped a paid proofreading app that fixes grammar, tone, and clarity without changing the writer voice.
- Own the full flow: editor, streaming suggestions, checkout, and fast Vercel deployment.

Universal Undo: Android app plus website. Kotlin, Accessibility APIs, JavaScript, Cloudflare Pages. Site: universalundo.app | Store: [Google Play: Universal Undo](https://play.google.com/store/apps/details?id=com.universalundo).

- Built and published an Android app that restores deleted text in any app with a simple shake. Runs offline in under 3MB RAM.
- Built the marketing site with clear onboarding and SEO pages that send users straight to the Play Store.

More shipped work: TapConvert, offline media converter (Code: github.com/theGoodB0rg/tap-convert) | 49Blox music marketplace (Live: 49blox.com)

EDUCATION

- M.Sc. Cyber Security, University of Ibadan, 2026. Second Class Upper. Focus: secure systems, threat modeling, data privacy.
- B.Sc. Computer Science, Kogi State University Anyigba, 2023. Second Class Upper. Focus: software engineering, databases, algorithms.