

ISMAEL LAURIEL REID

Web Developer & IT Support

London, UK | ismaelreid1@gmail.com | ismaellreid.com

Full UK right to work, no sponsorship needed

Available Immediately, full-time or freelance
English IELTS 7.0 (C1)
Languages English, Amharic (fluent), Somali

SKILLS

- **Technical support:** explained technical issues in plain language to a non-technical client over 4 months, from brief to a live site now in active use.
- **Troubleshooting:** diagnosed and fixed 4 critical bugs before launch: broken forms, language fallbacks, admin access and payments.
- **Attention to detail:** verified 492 strings across 7 languages so every page displayed correctly.
- **Fast learner:** self-taught full-stack developer; quick to pick up new systems and tools.
- **Ownership:** sole developer from planning to deployment on client work.
- **Teamwork:** built my part of a shared system in a 4-person hackathon team, under deadline.

TECHNICAL SKILLS

- **IT & systems:** Linux (daily use), Microsoft Office, Google Workspace, DNS & domains, web hosting, Google Search Console
- **Front end:** React 19, TypeScript, Vite, Tailwind CSS, Framer Motion
- **Back end:** Node.js, Express, Python, FastAPI, REST APIs, WebSockets
- **Data & AI:** MongoDB Atlas, SQLite, vector search, RAG, Gemini API
- **Tools:** Git/GitHub, Docker, n8n, Hostinger (auto-deploy on push), PayPal, Claude Code

EXPERIENCE

Founder & Developer, ISMR Solutions (self-employed)

Feb 2024 – Present

Client: AYATEI Initiative, vocational training non-profit, Ethiopia (Jul – Oct 2026) | React, TypeScript, Express, MongoDB Atlas, PayPal

- Delivered a live site now in active use for student applications, partner enquiries and donations.
- Built it in 7 languages (492 strings each, incl. Ethiopic script) with automatic browser-language detection.
- Built forms validated in browser and on server, rate-limited per IP, with a honeypot; plus an admin panel with 4 stages, notes and CSV export.
- Integrated 8 donation tiers via PayPal hosted buttons and QR codes, so card details never touch the site.
- Pre-launch audit: fixed 4 critical bugs, cut vulnerabilities from 7 to 0 and assets from 39 MB to 19 MB.

Other clients

- Built the website for Fab American English School, a language school in Ethiopia.
- Delivered 4 further small projects for private clients.

HACKATHON PROJECTS (ALX Ethiopia)

PULSE, AI guest-experience control centre for resorts

Apr 2026

Solo developer, Kuriftu Hospitality Hackathon | React, TypeScript, FastAPI, WebSockets, SQLite, Gemini

- Scored guests 1–10 from live signals and re-sorted the alert queue in real time over WebSockets.
- Kept scoring rule-based; the LLM only explains and suggests actions, grounded by RAG, with a rule-based fallback.

Selam Wellness, AI wellness platform for Ethiopia

May – Jun 2026

Solo developer | React, TypeScript, Express, MongoDB Atlas, Gemini, Docker

- Built a 3-minute assessment in English or Amharic with PHQ-4 screening; crisis scores route to a support page.
- Matched users to therapists and retreats with vector search, each match with a written reason.

EDUCATION & TRAINING

CS50x: Introduction to Computer Science (Harvard, online)

2026

Partially completed; paused when relocating to the UK

ALX Ethiopia, enrolled learner

2026

Took part in 4 hackathons

Ethiopian Secondary School Leaving Certificate

2025

UK ENIC: comparable to GCSEs (grades 9–4), including Maths

IELTS Academic, 7.0 overall (C1)

2026