

ABDALLA IDRIS

Full-Stack Developer

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Summary

Full-stack developer specializing in TypeScript, React, Next.js, and Node.js, building for the web since high school. Ships complete products independently, from design and development to deployment and real users. Built and operates Focus Flow, a live study platform with nearly 1,000 registered users, and KAMFA, an agentic AI CLI for authorized security testing. Open to remote full-time roles and freelance projects.

Technical Skills

Languages: TypeScript, JavaScript, SQL, HTML, CSS, Rust (learning)

Frontend: React, Next.js, Tailwind CSS, Progressive Web Apps (PWA), Service Workers, i18n, RTL localization, responsive and accessible UI

Backend & Data: Node.js, Supabase, PostgreSQL, REST APIs, Authentication

AI: LLM agents, tool calling, human-in-the-loop system design

Tools: Git, GitHub, Vercel, Linux

Projects

Focus Flow

Founder & Sole Developer

Website

2026–Present

- Designed, built, and shipped a full-stack student productivity platform featuring a Pomodoro timer, assignment tracker, and spaced-repetition flashcards; currently live in production with nearly 1,000 registered users.
- Built with React, TypeScript, Supabase, PostgreSQL, and Authentication; delivered as an installable Progressive Web App (PWA) that remains fully functional offline after sign-in through service-worker caching.
- Localized the entire platform into English, French, and Arabic, including complete right-to-left (RTL) layout support.

KAMFA

Creator

Private Beta

Present

- Developed a terminal-based agentic AI application in TypeScript and Node.js for authorized penetration-testing and bug-bounty workflows.
- Designed a human-in-the-loop permission system where every agent action (shell commands, HTTP requests, and browser interactions) requires explicit human approval before execution.
- Implemented an autonomous agent loop with LLM tool calling, continuously tested against authorized lab environments and CTF-style targets.

Saut

Creator

In Development

2026–Present

- Building a system-wide voice-to-text dictation application in Rust: press a global hotkey, speak, and the transcribed text is inserted directly into whichever application currently has focus.
- Engineered fully on-device speech transcription, allowing offline operation while ensuring audio never leaves the user's machine.

Education

Bachelor of Business Administration

Albukhary International University, Malaysia

In Progress

Languages

Arabic (Native) • English (Fluent)