

ABDULLAH KAMRAN

Full Stack Developer | React, Next.js, TypeScript, Node.js, Python

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PROFESSIONAL SUMMARY

Full Stack Developer and Computer Science graduate (BSc, Bath Spa University, 2026, Honors List) with 3+ years of building and shipping software on my own, from the first client call to launch. I work across React, Next.js and TypeScript on the front end, Node.js, Express and Python on the back end, and MongoDB, MySQL and SQLite for data. My latest products are live, open source and tested automatically on every push. I also work in B2B sales, so I build around what users and the business actually need. Open to full-time roles in the UAE.

SELECTED ACHIEVEMENTS

- Built and launched **DocSanitize**, 55 private document tools that run fully in the browser, with unit and browser tests in GitHub Actions CI. [Try it](#)
- Built **Paperless**, an invoicing app with tax rules for 63 countries and a calculation engine at 100% test coverage. [Try it](#)
- Designed and coded my employer's 204-page English and Arabic website while working as their Sales Manager, then built three internal tools that automate lead checking, email outreach and invoicing.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, SQL, Java, Kotlin, C#, C++, HTML5, CSS3

Frontend: React 19, Next.js, Vue 3, Vite, Tailwind CSS, Zustand, Zod, Three.js, GSAP, responsive design, accessibility, English/Arabic (RTL) interfaces

Backend and APIs: Node.js, Express, REST API design, Python asyncio, multi-threading, SMTP/IMAP, DNS (SPF, DKIM, DMARC), WebCrypto

Data: MongoDB, MySQL, SQLite, IndexedDB, schema design

Browser platform: Web Workers, WebAssembly, pdf.js, service workers, offline PWAs

Testing and delivery: Vitest, Playwright, GitHub Actions CI, Git, GitHub, Vercel, PyInstaller

AI and data: AI agents, Google Agent Development Kit, LLM prompting, scikit-learn, pandas, OpenCV

Mobile and desktop: Android SDK (Kotlin, Java), Material UI, Gradle, PyQt6, Tkinter

Design: Figma, Adobe Creative Cloud, Base44, SEO

PROFESSIONAL EXPERIENCE

Full Stack Developer (Freelance)

Jun 2023 - Present

Self-Employed | United Arab Emirates | Remote. Web developer from Jun 2023, full stack from Dec 2025.

- Deliver client projects end to end as the only developer: requirements, Figma design, front end, back end, deployment on Vercel, domains, speed tuning and support after launch.
- **Dekor** (furniture store): built a Node.js/Express REST API for the catalogue and orders, a MongoDB product and order database, a working payment wall and Three.js 3D product views. [Live](#)
- **Prime Real Estate**: built a MySQL listings database, a lead capture flow and GSAP/Three.js scroll animation to keep visitors on the listings. [Live](#)
- **Al Habibi Bakery**: first client, a responsive site for a local business with no web presence. It led to referrals that built my client pipeline. [Code](#)

Sales Manager

Jun 2022 - Present

Uniformers (MASCO International FZE) | Sharjah, UAE

- Run the full B2B sales cycle for uniforms, garments, IT hardware and IT support: prospecting, pitching, negotiating and closing. Close 3+ deals a month. Promoted from sales executive to Sales Manager.
- Taught myself to code on the job, then built the company website: 204 hand-written pages in English and Arabic (true right-to-left), 78 products across nine ranges and an enquiry builder that sends a quote request by WhatsApp or email in one step. [Code](#)
- Built **LeadsVeri**, a Python asyncio desktop app that checks every lead in an Excel/CSV file at once (live website, working mail server) and fills in company name, phone, LinkedIn and contact page. [Code](#)
- Automated my own sales admin with HomingPigeon for outreach and Paperless for invoices (both below).

PROJECTS

DocSanitize | [Live](#) | [Code](#)

2026

TypeScript, Next.js 16, React 19, Tailwind CSS, WebAssembly, pdf.js, Web Workers, Playwright

- 55 private PDF, image, audio and video tools that run fully in the browser with no server and no uploads: metadata removal, fake-redaction detection, OCR, PDF signing, merging and file conversion.
- Heavy work runs in Web Workers. OCR (tesseract.js) and FFmpeg run as WebAssembly. Wrote my own PDF signing code on WebCrypto and checked the output against pyHanko and OpenSSL.
- Interface in 5 languages including Arabic (RTL). Vitest and Playwright tests run on every push, including a test that fails if the app ever contacts another server.

Paperless | [Live](#) | [Code](#)

2026

TypeScript, React 19, Vite, Tailwind CSS, Zustand, Zod, IndexedDB, PWA, Vitest

- Invoicing web app with six live-preview A4 templates, tax setup for 63 countries (including UAE FTA tax invoice rules), 160+ currencies, payment QR codes and paid/overdue tracking. Works offline.
- The calculation engine uses exact whole-number maths instead of floating point and has 100% test coverage. PDFs are built in a Web Worker so typing never lags.

HomingPigeon | [Code](#)

2026

Python, PyQt6, SQLite, SMTP/IMAP, DNS, multi-threading

- Desktop app for safe cold email on Windows, macOS and Linux (v0.6.0 beta). Checks and writes SPF, DKIM and DMARC records, cleans contact lists on import, scores messages for spam and warms up from about 20 emails a day.
- Removes bounces and opt-outs from the inbox, stops itself if failures spike, stores passwords in the OS keystore and updates itself with a verified download.

Hannah Morgan Homes (sample client site) | [Live](#)

Base44, React, Vite, Tailwind CSS

- Modern, minimal real estate site built as a pitch for prospective clients: CMS, an AI chat assistant that asks buyers for budget, emirate and property type, an enquiry admin area and an analytics dashboard.

Face-Tracking Laser Turret | [Code](#)

Python, OpenCV, Arduino, C++, CAD, 3D printing

- Real-time OpenCV face detection turned into servo angles and sent over serial to Arduino firmware driving a 3D-printed two-axis turret. Designed the CAD, firmware, vision code and wiring.

More Projects

- **Stroke Prediction Model** (scikit-learn, pandas): RandomForestClassifier on an imbalanced clinical dataset. [Kaggle](#)
- **Android** (Kotlin, Java): trivia app on a live REST API ([Code](#)) and a Material UI supercar wiki. **Unity** (C#): Dragons & Knights, built and published solo ([itch.io](#)).

LANGUAGES

Fluent: English, Urdu, Hindi, Punjabi. **Conversational (B1):** Arabic (full understanding), Jamaican Patois. **Working understanding:** Bengali, Malayalam, Tamil, Russian, Farsi.

EDUCATION

BSc Computer Science, Honors List

2023 - 2026

Bath Spa University | United Arab Emirates

- Coursework: Algorithms, Data Structures, Databases, Machine Learning, Software Engineering, Mobile Development. Kept Honors List standing while working full time in sales and freelancing.

High School Diploma, General Science

2022

The English Private School | United Arab Emirates

CERTIFICATIONS

- [Build Intelligent Agents with Google Agent Development Kit](#), Google Developer Groups on Campus, Bath Spa University UAE (Nov 2025)
- [Dream vs Reality: AI Battle \(applied AI team competition\)](#), GDGoC, Bath Spa University RAK (Feb 2026)
- [Node.js Essential Training](#), LinkedIn Learning (Jan 2026)
- [Designing RESTful APIs](#), LinkedIn Learning (Jan 2026)
- [Python Intermediate \(Credential CC-PFV7WMC1\)](#), Sololearn (Dec 2024)