

IBRAHIM AFOLABI

UI/UX Designer & Front-End Developer

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SUMMARY

UI/UX Designer and Front-End Developer who ships complete products — from Figma wireframe to live site with a working Firebase backend. Recent builds include a settlement super-app with AI-assisted job search and Cloudflare Workers, an Airbnb-style booking platform, an e-commerce store, and a real-estate listing site, all designed and developed end to end. Starting a Software Development Diploma at Bow Valley College in September 2026 to deepen that foundation further. Based in Calgary and open to entry-level UI/UX or front-end roles where I can keep shipping.

SKILLS

UI/UX & Design: Figma (wireframing, high-fidelity prototypes, user flows, design systems)

Front-End Development: HTML5, CSS3 (Flexbox/Grid, responsive layouts), JavaScript, Angular, TypeScript

Back-End & Cloud: Firebase (Auth, Firestore, Hosting), Cloudflare Workers, REST API integration

AI & Automation: Anthropic Claude API, AI-assisted development, prompt engineering, Python automation

Tools: Git, Microsoft 365 (Excel, Word, PowerPoint)

Additional Strengths: Mobile-first responsive design, user-centered problem solving, data analysis, rapid prototyping

PROJECTS

YYC Connect — Settlement Super-App for Newcomers

2026

Full-stack platform helping newcomers settle in Calgary — housing, jobs, weather, events, and local resources in one personalized dashboard.

- Built AI-aggregated job search across Indeed, LinkedIn & Glassdoor using the jSearch API and Anthropic Claude API to surface the most relevant listings
- Integrated own Porchlight real-estate platform to power the in-app housing search module
- Built a complete admin CMS for managing users, job listings, housing listings, and events
- Deployed entire application on Cloudflare Workers with Firebase handling authentication and data

Tech: JavaScript, Cloudflare Workers, Firebase, Anthropic API, jSearch API

[Live Site](#) • [GitHub](#)

Keyscape Homes — Shortlet Booking Platform

2026

Airbnb-style booking platform for premium shortlet homes in Lagos, Nigeria.

- Built full guest booking flow with an interactive calendar for selecting check-in and check-out dates
- Developed a host portal for managing listings, editing property details, and blocking calendar availability
- Implemented Google Sign-In via Firebase Authentication for fast, secure onboarding
- Integrated WhatsApp for instant booking communication between guests and hosts

Tech: HTML, CSS, JavaScript, Firebase (Auth, Firestore)

[Live Site](#) • [GitHub](#)

Tails & Toys LLC — E-Commerce Platform

2026

Full e-commerce store for premium cat toys and accessories.

- Built a live product catalogue with category filters and a persistent shopping cart
- Developed a complete admin portal for managing products, stock, and orders without code changes
- Structured Firebase backend to handle products, orders, and authentication
- Integrated Instagram for direct customer communication

Tech: HTML, CSS, JavaScript, Firebase

[Live Site](#) • [GitHub](#)

Porchlight — Alberta Real-Estate Listing Platform

2026

Real-estate platform for Alberta renters and buyers with live map-based listings.

- Built an interactive map with clickable listing pins and filters for price, beds, baths, and pet policy
- Developed a renter portal supporting search, messaging, online applications, and e-signature
- Built a landlord admin portal for managing listings and tenants
- Structured Firebase backend for authentication, listings, and real-time data

Tech: HTML, CSS, JavaScript, Firebase

[Live Site](#) • [GitHub](#)

Hospital Projects — UI/UX Design & Front-End Development

2026

Two related projects: a full hospital management system design and a live patient admission application.

- Designed a full-scale hospital management system in Figma covering pharmacy and core staff workflows
- Built a live Angular patient admission system with a multi-step form, real-time validation, and dynamic Admission ID generation
- Translated high-fidelity Figma designs into pixel-perfect, responsive Angular code

Tech: Figma, Angular, TypeScript, HTML/CSS, Git

[Live App](#) • [GitHub](#)

EDUCATION

Diploma in Software Development — Bow Valley College, Calgary, AB *Expected August 2027*

Full-time program starting September 2026 — focus on front-end development, UI/UX fundamentals, and software design principles

B.Sc. in Mathematics — Federal University of Agriculture, Abeokuta, Nigeria *2016 – 2020*

Second Class degree — coursework in Statistics, Data Analysis, Operations Research, and Probability Theory

- Capstone project on Neutrosophic Sets for multi-criteria decision-making and handling ambiguity

WORK EXPERIENCE

Freelance Web Developer & Designer

- Delivered high-fidelity website replications and custom landing pages in HTML/CSS that precisely mirrored client Figma designs
- Developed interactive, responsive forms (registration, contact, feedback) with validation and clean code structure
- Managed full project lifecycle: client requirements, implementation, revisions, and delivery

Airbnb Host & Property Manager — AOI Crib Apartment by Keyscape Ltd, Lagos *2023 – Present*

- Coordinated guest scheduling, inquiries, and vendor coordination — resolved 95% of issues within 24 hours, achieving a 4.8/5 guest rating
- Managed administrative operations, marketing materials, and booking strategy via Microsoft 365, increasing bookings 30% year-over-year

Financial Accountant — Mebby's High School

2021 – 2022

- Maintained precise financial records and processed payments with 100% accuracy using Excel and databases
- Analyzed expenses and advised on cost-saving measures, reducing overall costs by 15%

Secretary — Mebby's High School

2020 – 2021

- Managed daily operations, accurate record-keeping, and databases using Excel with 100% accuracy
- Coordinated events, communications, and documentation to support efficient administrative processes