

Medhat Albsugy

Senior Design Engineer | FRONTEND / UI & UX

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I design the interface, *then I build it.*

01 SUMMARY

13+ YEARS	Design engineer working across UI/UX design and frontend engineering. I take a product from user conversations and first sketches through to production React and TypeScript , and I own the part in between that usually gets lost: interaction detail, motion, states and accessibility. Recent work spans regulated fintech, institutional digital assets and AI products.
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02 SKILLS

DESIGN	UI design, interaction design, UX research, wireframing, prototyping, design systems and tokens, component libraries, typography, motion design, responsive design, accessibility (WCAG 2.2)
FRONTEND	React, TypeScript, Next.js , JavaScript (ES6+), Remix, Astro, Tailwind CSS, CSS Modules, Styled Components, Framer Motion, Storybook, Redux, Zustand, TanStack Query
ENGINEERING	Node.js, REST, GraphQL, tRPC, Server Actions, PostgreSQL, Prisma, Drizzle, Redis, Core Web Vitals, monorepos (Nx, Turborepo)
QUALITY & PLATFORM	Vitest, Jest, Playwright, Cypress, Testing Library, TDD, visual regression, OWASP practices, Docker, AWS, Vercel, GitHub Actions, CircleCI
TOOLING	Figma, Framer, v0, Storybook, coding agents (Claude Code, Cursor), Vercel AI SDK, OpenAI, Anthropic, LangGraph, LlamaIndex, RAG, vector databases, MCP, evals

03 EXPERIENCE

Dec 2024 – Present cMatter ABU DHABI, UAE	Senior Design Engineer (Frontend / UI & UX) I own the interface and the design system of an agentic AI platform for building energy management. No handoff: I decide how a feature looks, how it behaves and how it is built. - Own UI and interaction design end to end, from user conversations and rough flows through to the shipped React and TypeScript implementation, which removed the handoff loop entirely. Built and maintain the design system: tokens, component library, motion and empty-state patterns, so new features stay consistent without a designer reviewing every screen. Design and build the AI integration layer, keeping the model behind an interface people can trust: clear states, visible reasoning and an obvious way to correct it. - Set the accessibility, performance and frontend architecture standards, and hold releases to them rather than logging them as debt. - Use whatever gets to an answer fastest, from design files to prompt-to-UI tools and coding agents, to put several working versions of a flow in front of users and leadership in days.
Jan 2024 – Nov 2024 baraka (YC S21) DUBAI, UAE	Tech Lead, Staff Front-End Engineer Regulated investment and trading platform, built in React and TypeScript. Designed and shipped the core trading interfaces, working through order flows, live market data and error states so a high-stakes action stays legible when a user is under pressure. - Set the frontend architecture and UI standards, reviewed implementation quality across the team, and improved performance of the trading experience through architecture and rendering changes.

03

EXPERIENCE CONTINUED

Jun 2022 – Dec 2023

Copper.co

LONDON, UK

Senior Front-End Engineer

Institutional digital asset and custody platform, including ClearLoop and risk management.

- **Designed and built dense data interfaces** that turn complex custody and settlement workflows into screens institutional users can read at a glance.
- Implemented real-time data and API integration patterns so trading and risk teams see current state without refreshing or guessing.

May 2021 – May 2022

Cognizant

LONDON, UK

Senior Front-End Engineer, Sky UK

- Translated UX and visual design into **responsive, accessible applications**, and offered better options where a design did not survive contact with real content and real data.
- **Closed the design-to-development gap** by working with designers directly instead of through handoff documents, so less of the intent got lost on the way to production.

Jun 2019 – Apr 2021

Publicis Sapient

LONDON, UK

Senior Front-End Engineer, Lloyds Banking Group & 10x Banking

- Designed and built **reusable ecommerce and banking UI component libraries** with React, TypeScript, Styled Components and Storybook, giving several projects one consistent design and engineering base.
- Optimised UI delivery and bundling with Webpack and Rollup on Lloyds Banking Group, making the platform noticeably faster for customers.

Jan 2018 – May 2019

OMNIA

DUBAI, UAE

Senior Front-End Developer

Sat between the design and engineering teams at an agency, turning design intent into production frontend.

- **Translated design intent into production frontend** so what shipped matched what was designed rather than what was quickest to build.
- Worked as the bridge between the creative and engineering teams, checking that designs were both read correctly and technically feasible before they went into a sprint, which took a lot of the back and forth out of delivery.

May 2017 – Dec 2017

LucidyaSAUDI ARABIA,
REMOTE**Front-End Developer & UI/UX Designer**

Design and frontend in one role on a distributed team. This is where the way I work now started.

- **Covered the UI/UX design and the frontend build together** in HTML, CSS, JavaScript and React, so there was no handoff for anything to get lost in.
- Applied design decisions directly in the implementation instead of passing them on, which made the customer-facing workflows easier to use and the team faster to iterate.

Feb 2013 – Apr 2017

Albsugy TG

FREELANCE, GLOBAL

Front-End Developer

Four years building web products for startups and small businesses, working with clients directly.

- **Owned the whole thing:** research, design, frontend architecture, implementation and launch, across web applications, sites and WordPress themes.
- Ran the client relationship myself and turned market research into product decisions, which is where I learned to start from a business problem rather than a ticket.

04

EDUCATION & MORE

2012 – 2015

BNS University**Bachelor of Law**

Languages

English (fluent), Arabic (native). Abu Dhabi based, previously London and Dubai. Open to remote and on site.