

# Medhat Albsugy

Digital Innovation and Experience Lead, Agentic AI

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## PROFESSIONAL SUMMARY

Digital Innovation & Experience Engineering Leader operating at the intersection of customer experience, product strategy, and agentic AI execution. Over a decade of end-to-end ownership across startups, scale-ups, and global enterprises - translating business needs into high-impact, production-ready solutions while mentoring teams and driving rapid AI-powered innovation.

## EXPERIENCE

### Digital Innovation & Experience Lead, Agentic AI

**cMatter.com**

Jul 2025 - Present

Abu Dhabi, UAE

Full-time

Lead digital innovation and experience across cMatter while owning engineering outcomes end-to-end. Operate at the intersection of customer needs, product strategy, and technical execution to deliver scalable, high-impact, AI-powered solutions.

### Key Responsibilities

- Own end-to-end customer experience (CX) across platforms, from discovery and design to delivery, engineering outcomes, ensuring quality, scalability, security, and performance across systems
- Set technical direction and standards in partnership with engineering leadership
- Lead innovation initiatives, with a strong focus on AI-driven experiences, automation, and data-informed products
- Ensure UX excellence through strong engineering foundations, accessibility, and performance optimization
- Enabled faster experimentation and validation of new ideas via rapid prototyping

### Staff Front-End Engineer – AI Integrations

**cMatter.com**

Dec 2024 - Jun 2025

Abu Dhabi, UAE

Full-time

Driving product innovation at cMatter, a cutting-edge AI & Advanced ML platform for building energy management, from idea to launch. Leading cross-functional initiatives to shape product direction, design experience, and deliver impactful solutions and prototypes that move the needle.

### Technical Lead | Senior Frontend Engineer

**Baraka (YC S21)**

Jan 2024 - Nov 2027

Dubai, UAE

Full-time

Leading the development of Baraka's trading platform, driving the creation of user experiences. Leveraging deep expertise in React, and TypeScript to design high-performance, secure, and user-friendly interfaces. Driving collaboration with cross-functional teams to shape our investment application.

## **Senior Frontend Engineer**

**Copper.co**

Jun 2022 - Dec 2023

London, UK

Full-time

Build, integrate, and maintain Copper platforms for Blockchain and Digital Assets. Responsible for application development guidance, application performance, building solutions that integrate with other systems and follow high development standards.

## **Senior Frontend Engineer**

**Cognizant**

May 2021 - May 2022

London, UK

Full-time

Developing responsive web applications that are highly secured and robust, collaborating with User Experience and Visual Designers for enhanced user experience and working as a mentor in an agile team to ensure the expected deliverables are met with high quality.

## **Senior Frontend Engineer**

**Publicis Sapient**

Jun 2019 - Apr 2021

London, UK

Full-time

Engineering digital experiences and solutions for our clients, work closely with stakeholders, internal teams, and client teams to deliver large-scale, industry-changing and transformative solutions across retail, financial services, energy, and automotive.

## **Senior Frontend Developer**

**OMNIA**

Jan 2018 - May 2019

Dubai, UAE

Full-time

Closed the gap between the design and development teams, communicate to solve day-to-day problems, ensuring designs are correctly interpreted, features are understood to avoid compromises, making sure the end product meets the user experience and requirements.

## **Senior Frontend Developer & UI Designer**

**Lucidya**

May 2017 - Dec 2017

Saudi Arabia - Remote

Full-time

Implementing web design and development principles to build stable software, bringing mock-ups to life using HTML, CSS, JavaScript, ReactJS. Collaborating closely with the team to support projects during all phases of delivery.

## **Frontend Developer**

**Albsugy TG**

Feb 2013 - Apr 2017

Freelancer

Develop digital products, secure web application for startups, and create user-friendly websites and WordPress themes, conduct market research. Responsible for application architecture, and UI implementation.

## **CORE SKILLS**

### **PROGRAMMING LANGUAGES**

TypeScript, JavaScript, ES6+

### **FRAMEWORKS/ LIBRARIES**

React, Next.js, Redux, TanStack React Query, Zustand, Vite, TailwindCSS, Rollup.js, Storybook, LangGraph, LlamaIndex, AI SDK

### **TOOLS/ TECHNOLOGIES**

Docker, AWS, S3, CloudFront, GitHub Actions, Swagger, JSON, OpenAPI, IndexedDB, Caching Strategies, Lighthouse, Vercel, Netlify, Chrome DevTools, CI/CD, CircleCI, Jenkins, GoCD, Git, Vector Databases, Pinecone, Weaviate, Qdrant, AI/ML Integration, Retrieval-Augmented Generation (RAG), Gen AI Integration, Version Control

### **DEVELOPMENT PRACTICES**

Performance Optimization, Monorepos, Nx, Turborepo, Micro Frontends, SSR/ISR, Static Code Analysis, Accessibility (WCAG), Core Web Vitals, Bundle Analysis, OWASP Security, JWT Auth, OAuth2, Token-based Theming, Lazy Loading, Code Splitting

### **TESTING/ QUALITY ASSURANCE**

Vitest & Jest, Playwright, Unit Testing, E2E Testing, Test Driven Development (TDD)

### **LANGUAGES**

English, Arabic