

Wael Yousef

Germany

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• waelyousef.com, LinkedIn, GitHub

Software Engineer with five years building production **React**, **Next.js** and **TypeScript** applications, from a multi-store platform re-architected around **ISR** and a SaaS used by 200+ casting directors to a real-time trading terminal. Led a team of five frontend developers and introduced them to **Claude Code**, with CLAUDE.md conventions that keep AI-assisted output on team standards; built an **MCP** e-commerce assistant on the Vercel AI SDK. Interested in architecture that welcomes change and in treating AI output as untrusted input. English C1, German B2. Open to new roles across Germany, available immediately.

Skills

- **Frontend:** **TypeScript**, JavaScript (ES6+), **React**, Next.js (App Router, Server Components), Vite, Tailwind CSS, HTML, CSS
- **Design systems & accessibility:** **shadcn/ui** (Radix primitives), **Storybook**, Material UI, WCAG, semantic HTML and ARIA
- **Data & state:** **TanStack Query** (React Query), Zustand, Redux, REST and GraphQL APIs, Zod schemas, Socket.IO (WebSockets)
- **Testing & delivery:** **Vitest**, **Playwright**, Jest, Cypress, Turborepo monorepos, Git (Gitflow), GitLab CI/CD (build and deploy pipelines), Docker
- **AI-assisted development:** **Claude Code**, Cursor, CLAUDE.md repository conventions, MCP (Model Context Protocol), Vercel AI SDK

Professional Experience

- **City Crafters** **Remote**
Software Developer (freelance) 04/2026–05/2026
 - Built the **React**, **TypeScript** and **Vite** frontend of “Gaya Terminal”, a real-time trading terminal with live charting, token search and watchlist, and wallet and trading panels, organized into feature-sliced modules that each expose a public API
 - Streamed live trade and price updates over authenticated **Socket.IO** connections with **TanStack Query** as the single source of truth for UI state, keeping charts and panels consistent under continuous updates, with React Router for multi-panel navigation
- **OSOSS** **Hawalli, Kuwait**
Frontend Team Leader 05/2025–07/2026
 - Re-architected the tenant model of a multi-store **Next.js** platform together with the CTO, replacing a backend lookup on every request with an **ISR architecture** that prebuilds store sites and serves them statically, and migrated the platform from Next.js 12 (Pages Router) to 16 (App Router) along the way
 - Architected a **Redis**-backed caching strategy that **cut data retrieval time by 40%** and reduced backend load, and implemented **JWT** authentication and OAuth flows for the platform
 - Drove unit and end-to-end test coverage with **Vitest**, **Playwright**, Jest and Cypress, and built accessible UI components to **WCAG** with semantic HTML and ARIA
 - Led five frontend developers through sprint delivery with **30+ code reviews** a month, keeping components modular and maintainable
 - Introduced the team to **Claude Code** for implementation, refactoring, test generation and reviews, and maintained CLAUDE.md conventions so AI-assisted output stayed on team standards
- **Mediaslide** **Dubai, UAE**
Software Developer 12/2024–05/2025
 - Built and documented a reusable component library on **shadcn/ui**, **Storybook** and **Tailwind CSS** that the team builds its features on
 - Developed features for Castfolio, a **SaaS casting platform for 200+ casting directors**, in **React**, **Next.js** and **TypeScript**, integrating REST and GraphQL APIs with SSR and TanStack Query
 - **Cut page load times by 40%** through Core Web Vitals optimization, which drove a **20%** increase in user retention
- **OSOSS** **Hawalli, Kuwait**
Software Developer 09/2022–12/2024
 - Spearheaded a new **payment and retail system** that **raised transaction efficiency by 35%**, sped up the payment journey by 25% and contributed 15% more quarterly revenue
 - Built a reporting system of **20+ reports** on MongoDB queries and aggregations that turns e-commerce metrics into data-driven decisions
 - Migrated the build tooling from Create React App to **Vite** and wrote **Playwright** end-to-end and Jest tests for the core flows

- **CHI Team** **Syria**
Front-End Developer *10/2021–09/2022*
 - Delivered front-end features for apps and websites across several industries with **Material UI**, working closely with designers and backend developers from design to shipped code

Independent Projects

- itbali-admin-panel.vercel.app *Personal project*
itbali Cloud Printing Platform (monorepo)
Turborepo monorepo with a **Next.js** 16 admin panel, a shared TanStack Table DataTable with URL-driven filters, **Zod** validation mirroring the backend schemas, and an Expo app, backed by NestJS and PostgreSQL.
- *MCP E-Commerce Assistant* *Personal project*
Next.js proof of concept with the Vercel AI SDK and **Claude** behind a chat interface: four MCP tools let the model discover and call database-backed functions at runtime and answer questions such as “What are your bestsellers?” from live data.

Education

- **Tartous University** **Tartous**
Bachelor's Degree in Information and Communication Technology (Information Technology) *2017–2022*
Graduated with distinction (**92%**); ranked among the **top three** of the class in all five years.

Languages & Awards

- **German:** B2 **English:** C1 (fluent) **Arabic:** native
- **Award for Excellence**, Tartous University, five times (2017–2022); **Certificate of Achievement**, Collegiate Programming Contest (2019)