ABDELRHMAN MAHMOUD

WEB DEVELOPER
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WORK EXPERIENCE

Dabbo Tech – Frontend Developer July 2023 – February 2025

- Built and maintained production-ready web applications using modern frontend frameworks.
- Designed scalable UI architectures and reusable component systems to ensure consistency and performance.
- Led junior developers and interns, conducting code reviews and enforcing best practices in version control and component architecture.
- Managed project delivery and sprint planning using **Linear** and **ClickUp**, acting as the technical focal point for client requirements.
- Collaborated closely with backend and design teams to deliver responsive, high-quality interfaces.

Company Projects

Dipzin.com Next.js, TypeScript, Storybook

- Built a high-conversion frontend modern interface, integrating heavy form validation with **Zod** and **React Hook Form**.
- Optimized data fetching strategies using Nextjs's server actions and **TanStack Query**, reducing server load and improving client-side interactivity.
- Developed a robust component library using **Storybook**, defining **50+ reusable UI variants** to ensure design consistency across the application ecosystem.
- Implemented advanced **SEO** metadata and performance optimizations (Core Web Vitals), driving consistent organic traffic growth.

Dipzin Dashboard Next.js, TypeScript, React Context

- Engineered and shipped a comprehensive data management dashboard in record time, maximizing efficiency through **AI-supported coding** and component reuse.
- Implemented complex **Authentication** and **RBAC** (Role-Based Access Control) flows, securing user data and managing multi-tenant state with **React Context** and reducers.

Experience.com JavaScript, Next.js, Tailwind

- Maintained a 70+ pages web app, optimizing the codebase by creating a component-driven page scaffolding and reusable templates that accelerated page creation, and significantly improved developer experience.
- Implemented strict **Semantic HTML** and **Tailwind CSS** standards, improving SEO rankings and accessibility scores significantly.
- Paid close attention to UI details and polish, ensuring a production-ready experience for the app now serving **200k+ monthly visitors**.

Studyhive.com Next.js, Typesense, Directus CMS

- Developed a multi-page education platform, owning end-to-end development from concept to deployment and growing the platform to **1,000+ monthly active users**.
- Rapidly adapted to new technologies, integrating **Typesense** for sub-50ms search queries and a headless CMS (**Directus**) for dynamic content management.
- Engineered a custom blog rendering engine that transforms raw JSON data into dynamic UI components, ensuring full control over content styling.

OSSkins (Open Source Personal Project) Rust, Tauri, Next.js

- Architected a cross-platform desktop application with **20,000+ lines of code** in Rust and TypeScript.
- Leveraged **AI-assisted development** to breach the learning gap of rust, creating a stable backend with zero critical memory leaks.
- Open-sourced the project, attracting a community of 3k+ users; managed issue tracking and release pipelines via GitHub Actions.

EDUCATION BACKGROUND

Harvard X: CS50's Introduction to Computer Science 2023 Certification

BA – Arts, Alexandria University Ongoing

TECH STACK

Languages: TypeScript, SQL
Frontend: Next.js, React, Tailwind CSS, Shadcn/UI, Framer Motion, GSAP, Storybook
Backend: Node.js, NestJS, Prisma, PostgreSQL, Supabase, Tauri
DevOps & Tools: Git, Docker, GitHub Actions, AI-Augmented Coding
Architecture: REST APIs, Server Actions, State Management (Zustand/Context), Auth.js