

Mahmoud Saad

Full-Stack Web Developer

Giza, Egypt

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Summary

Full-Stack Web with 3+ years of hands-on experience building real-world products across web and mobile platforms. I work with technologies such as Next.js, React, Expo (React Native), and modern backend and infrastructure tools to deliver scalable SaaS platforms, dashboards, automation systems, and mobile applications used in real production environments.

I have a strong passion for programming and continuous learning, with a deep interest in understanding systems end-to-end – from user experience and real-time features to deployment and server management. With a background in Business Administration and experience in both startup and corporate environments, I bring a balanced perspective that combines technical execution with business awareness. My goal is to grow as a full-stack engineer, learn from strong teams, and contribute to building high-quality products that solve real problems.

Core Skills

Frontend Engineering

React, Next.js (App Router), TypeScript, JavaScript (ES6+), HTML5, CSS3

UI & UX

Tailwind CSS, shadcn/ui, Framer Motion, Responsive Design, Accessibility Basics

State & Data

React Server Components (RSC), Server Actions, useActionState, React Query, Zustand

Backend & Infrastructure (Working Knowledge)

Supabase (Postgres), Prisma, REST APIs, Node.js (basic), Nginx, VPS, PM2

Tools & Workflow

Git/GitHub, Playwright, React-PDF, Figma, Docker (basic), Cursor AI

Experience

Freelance Full-Stack Web & Mobile Developer

Self-Employed | 2020 – Present

- Built and maintained SaaS platforms, dashboards, and e-commerce systems for web and mobile using Next.js, React, and Expo (React Native).
- Developed cross-platform mobile applications with Expo, focusing on performance, smooth navigation, and near-native user experience.
- Worked across the stack, including frontend, backend integrations, real-time features, and deployment on VPS environments.
- Applied clean architecture principles, performance optimization, and scalable UI patterns across web and mobile projects.
- Collaborated closely with clients to translate business requirements into functional, user-friendly web and mobile solutions.

Web Development Instructor

Part-Time | 1 Year

- Taught web development fundamentals to youth learners, covering HTML, CSS, JavaScript, and introductory React concepts.
- Helped students understand core programming concepts through hands-on projects and practical examples.
- Developed simple learning materials and exercises to encourage curiosity, problem-solving, and independent learning.
- Strengthened communication skills by explaining technical concepts in clear, accessible language.

Customer Service Agent

HSBC Bank Egypt | Jan 2025 – Present

- Joined HSBC as part of a deliberate career step after graduating in Business Administration to gain first-hand experience working within a large corporate environment.
- Learned how structured organizations operate, including planning, hierarchy, cross-team communication, and decision-making processes.
- Developed strong professional skills such as business email writing, presentations using PowerPoint, and daily use of Excel and Word.
- Strengthened communication, problem-solving, and customer-handling skills in a high-pressure, professional setting.
- This experience helped me better understand how large-scale businesses function, and reinforced my decision to pursue a full-time career in web and mobile development, the field I am most passionate about and committed to growing in.

Selected Projects

- **SufrahBot – WhatsApp Ordering Automation**
WhatsApp chatbot integration built using Twilio to enable restaurants to receive and manage orders directly through WhatsApp. In addition to the bot logic, I built a custom Next.js dashboard for managing conversations, orders, and message flows in real time. The system uses Redis and WebSockets (with Bun runtime) to handle live updates and queue-based message processing, improving reliability and responsiveness. This is a project I'm particularly proud of due to its real-world usage, system design, and performance-focused architecture.
- **Cohur Resume Builder**
Developed an online resume builder that allows users to create professional CVs and export them as high-quality PDF files. Built using Next.js with React-PDF to generate dynamic, print-ready resumes directly from React components. The project focuses on simplicity, real-time preview, and reliable PDF generation for end users. (Explore live demo and case details in my portfolio)
- **Web Platforms & SaaS Projects (6 Websites)**
Designed and developed six production websites using Next.js and React, connected to Supabase (PostgreSQL) and deployed on self-managed VPS infrastructure. These projects include dashboards, content-driven websites, and SaaS-style systems, handling authentication, data storage, and deployment independently. (Explore detailed case studies, screenshots, and live demos in my portfolio)
- **VPS & Self-Hosted Infrastructure Management**
Managed and maintained multiple Ubuntu VPS servers for different clients, providing self-hosted alternatives to paid cloud services. Deployed and operated open-source storage servers, email servers, and cloud services, helping clients avoid recurring monthly subscription costs. Responsible for server setup, security basics, application deployment, and ongoing maintenance using Nginx, PM2, and GitHub-based deployment workflows.

Education

- **Bachelor of Commerce – Business Administration (English Section)**
Helwan University | June 2024
Grade: Good

Certifications & Learning

- **Udacity – Full Stack Web Development Nanodegree**
Completed in 2020. Built multiple full-stack web projects covering frontend fundamentals, backend development, databases, APIs, and deployment. This program played a key role in building my strong foundation in web development and sparked my long-term passion for programming and continuous learning.

Learning Mindset & Growth

- Strong curiosity about how modern web systems work end-to-end.
- Actively learning best practices in frontend architecture, performance, and scalability.
- Passionate about programming, problem-solving, and continuous improvement.
- Eager to grow into more advanced technical and leadership roles over time.

Languages

- Arabic: Native
- English: Fluent (B2 Level)