Abdulrahman Elsawy

Frontend / Full Stack Web Developer

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PROFESSIONAL SUMMARY

Full Stack Web Developer with solid hands-on experience building scalable, real-world web applications across different domains, including recruitment platforms, e-commerce, internal enterprise systems, and media websites. Strong background in JavaScript, React, Next.js, and backend development, with a practical approach to problem-solving and clean architecture. Comfortable working independently or within cross-functional teams, and experienced in turning complex business requirements into reliable, user-friendly digital products.

SKILLS

- **Languages**: JavaScript (ES6+), TypeScript, PHP, Python, SQL

- **Frontend**: React, Next.js, HTML5, CSS3, Tailwind CSS, SASS, Responsive Design

- **Backend:** Node.js, Express.js, RESTful APIs, GraphQL

- **Databases**: MySQL, MongoDB, PostgreSQL, Redis

- **DevOps & Tools**: Git, GitHub, Docker, Kubernetes, CI/CD, AWS, WebSockets

- **Academic Programming Languages**: C, C++, Java, Python

WORK EXPERIENCE

IT Specialist & Full Stack Developer | Egyptian Armed Forces | Cairo, Egypt *January 2025 – January 2026*
- Designed and developed a complete internal management system to replace manual, paper-based workflows, improving efficiency and data accessibility across departments.
- Built the system using PHP and MySQL, with a focus on performance, data integrity, and long-term maintainability.
- Designed and maintained the database structure to securely manage personnel records, inventory data, and scheduling information.
- Took full ownership of deployment, maintenance, and ongoing system updates, ensuring stability and availability for daily operational use.

Full Stack Developer | Infotech | Cairo, Egypt *October 2024 – January 2025*
- Developed new features and resolved critical bugs for two high-traffic web applications using Next.js, contributing to both front-end and back-end modules.
- Enhanced the candidate-matching algorithm and company portal functionalities for wazifame.com, a major job-seeking platform.
- Implemented front-end UI updates and optimized back-end API endpoints for flysmartdeals.com, an e-commerce flight booking website, improving user experience and performance.

Key Projects: Wazifame.com & Flysmartdeals.com

Frontend Developer | Orbit Tech | Cairo, Egypt *June 2024 – October 2024*
- Developed and optimized user interfaces for internal software solutions, improving data visualization and user interaction flows.
- Collaborated with back-end teams to integrate RESTful APIs, resulting in a 20% improvement in data loading speeds for key dashboard components.
- Refactored legacy CSS into a modern, scalable architecture using Tailwind CSS, enhancing maintainability and ensuring responsive design across all devices.

Web Development Instructor | IEEE Helwan Student Branch | Cairo, Egypt *June 2022 – December 2022*
- Designed and delivered a comprehensive web development curriculum to a cohort of over 20 students, focusing on freelancing and practical project-based learning.
- Mentored students on core principles of front-end and back-end development, resulting in a 90% project completion rate.

Featured Projects

View My Portfolio for More Projects: https://abdelrahmanelsawy.elsawi.art

Logic Stock Pro AI (Inventory Management System)
- Tech Stack: React, Node.js, Express.js, MySQL
- Led the end-to-end development of a scalable inventory management system designed for real-time operations.
- Built a secure backend with role-based access control (RBAC) for administrators, managers, and staff.
- Developed an interactive dashboard to monitor stock levels, sales activity, and order fulfillment in real time.
- Implemented smart recommendation logic based on inventory behavior and user-defined rules.
- Integrated automated email notifications for low stock alerts and order updates.

ProEffect Media Website (Company Portfolio)
- Website: https://proeffect.sa
- Developed a high-performance, visually engaging website for a media production company specializing in cinema and film services.
- Integrated a content management system that allows the client to easily update services and portfolio content.
- Focused on performance, SEO, and responsive design to support marketing and brand visibility.

Figma Clone (Real-Time Collaborative Design Tool)
- Tech Stack: Next.js, Liveblocks, Tailwind CSS
- Demo: https://abdulrhmanelsawy.github.io/figma-demo/
- Built a collaborative design tool inspired by Figma, supporting real-time multi-user interaction.
- Implemented live cursors, presence indicators, and synchronized canvas updates.
- Used Liveblocks to efficiently manage shared state and real-time communication between users.

EDUCATION

B.S. in Computer Science & Artificial Intelligence
(GPA: 3.1/4.0) *Helwan University, Cairo, Egypt | 2020 – 2024*

LANGUAGES

Arabic: Native

English: Advanced (C1)