

# KHAWLA SARHAN

Full-Stack JavaScript/TypeScript Developer

Email: [khawlasarhan92@gmail.com](mailto:khawlasarhan92@gmail.com) | Phone: +963 937 312 600 [GitHub](#) | [LinkedIn](#) Location: Open to remote or onsite opportunities.

## PROFESSIONAL SUMMARY

Self-taught **Full-Stack MERN Developer** (MERN Stack) with a background in Informatics Engineering. Proven experience building, deploying, and maintaining two end-to-end web applications (a real-time social platform and an e-commerce store). Strong proficiency in **React/Next.js** frontends, **Node.js/Express** backends, MongoDB data modeling, real-time features (Socket.IO), and secure authentication (JWT). Seeking a Junior/Entry-level role where analytical, self-driven learning and deployment skills can be utilized.

## CORE TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript (Applied)
- **Front-end:** React, Next.js, Redux Toolkit, Tailwind CSS
- **Back-end & DB:** Node.js, Express, MongoDB (Mongoose), JWT, Bcrypt
- **Tools & DevOps:** Socket.IO, Git, GitHub, npm, Render, Cloudflare Pages, Cloudinary

## SELECTED PROJECTS

### 1. KH Media App — Real-Time Social Platform (Next.js, Socket.IO, TypeScript) | (2025)

-> Live Demo: <https://kh-media-app.pages.dev>

- **Real-Time Core:** Implemented live chat, user presence, and instant notifications using **Socket.IO** with JWT authorization for secure data exchange.
- **Security & Auth:** Developed secure, token-based authentication (JWT) and user registration with **Email Verification (OTP)** logic.
- **Performance:** Optimized user experience using Next.js Image Optimization, lazy loading, and a responsive UI built with Tailwind CSS.

### 2. Full-Stack E-commerce Platform (Client + Admin Portal) | (2025)

-> Live Demo: <https://mernstack-e-commerce-store.pages.dev>

- **Admin & Security:** Implemented robust **Role-Based Access Control (RBAC)** for admin routes, enabling secure management of product, order, and user data lifecycles.
- **Data Management:** Engineered advanced product filtering and search capabilities utilizing **MongoDB Aggregation Pipelines**.
- **State Management:** Utilized **Redux Toolkit** for stable, client-side cart and favorites state management, integrating a secure checkout flow.

## PROFESSIONAL EXPERIENCE (TRANSFERABLE SKILLS)

### Self-directed MERN Development & Product Management (Since 2023)

- Successfully managed the **full product lifecycle** for two complex web applications, from initial architecture design to final deployment on platforms like Render and Cloudflare.
- Demonstrated a **self-driven, analytical approach** to mastering MERN technologies and applying best coding practices in real-world, complete projects.

### Analytical & Technical Operations Experience (Prior to 2023)

- **Backend Logic & Data Integrity:** Gained practical, hands-on experience working with operational databases (e.g., SQL/Oracle environments), strengthening understanding of **backend data logic** and **data integrity principles**.
- **Problem-Solving & Debugging:** Developed strong analytical **troubleshooting and debugging skills** through extensive troubleshooting and maintenance of complex technical systems, which translates directly to efficient system debugging in development.

## EDUCATION

**Bachelor's Degree in Informatics Engineering** | University of Aleppo, Faculty of Informatics Engineering | Aleppo, Syria | 2015

- Major focus on Software Engineering, Data Structures, and System Design.

**Additional:** Languages: Arabic (Native), English (Working Proficiency).