**Saif Mohammed**

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**Summary**

MERN Stack Developer with 2+ years of experience building scalable e-commerce platforms using Next.js 15, TypeScript, PostgreSQL, and MongoDB. Proven expertise in secure, high-performance solutions featuring 2FA, real-time monitoring, and modern architectures (repository-service pattern). Passionate about clean code, performance optimization, and exceptional user experiences. Recently restructured a large-scale e-commerce app with a fully normalized SQL schema, PostgreSQL triggers/views, and robust relational access control.

**Technical Skills**

- Frontend: JavaScript (ES6+), TypeScript, React, Next.js 15, React Native, Redux, Zustand, Tailwind CSS, React Hook Form
- Backend: Node.js, Express, MongoDB, PostgreSQL, Knex.js, Firebase, Zod (Data Validation), RESTful APIs
- DevOps & Tools: Git, Docker, Postman, ESLint, Winston, BetterStack, Puppeteer, Faker.js, Basic Linux System Administration
- Security: OWASP Top 10, 2FA, Rate Limiting, JWT Authentication, Role-Based Access Control, Device Fingerprinting
- Architecture: Repository-Service Pattern, Modular Codebase, SQL Views & Triggers

**Professional Experience**

**Завзятий Господар (v2)**

🔗 https://e-commerce-eg.netlify.app

Redesigned a full-stack e-commerce platform using Next.js, PostgreSQL, and Knex.js with a focus on relational integrity, performance, and security. Implemented normalized schema design, SQL triggers for auditing and rate-limiting, views for analytics, and robust 2FA flows. Features include cart merge, role-based access, brute-force protection, suspicious login alerts, and full account/session visibility. Frontend built with Zustand, React, Tailwind, and Chart.js.

Full-Stack Developer
E-Commerce Platform (Aug 2024 – Present)

- Performance: Migrated to Next.js 15, reducing page load time by 25% via Route Interceptors and dynamic rendering.
- Security: Implemented 2FA, session tokens, and real-time monitoring (Winston/BetterStack), cutting unauthorized access by 40%.
- Data Integrity: Introduced Zod validation, reducing backend errors by 30%.
- Automation: Streamlined payment testing with Puppeteer, achieving 100% transaction reliability.
- Code Quality: Enforced ESLint + TypeScript, improving code maintainability by 40%.
- UX: Designed smart cart synchronization (auto-merge guest carts) and admin dashboard for analytics.

Full-Stack Developer
FashFlash (May 2024 – Jul 2024)

- Built a feature-rich e-commerce app with advanced filtering, role-based access, and email verification.
- Reduced unauthorized logins by 50% via secure authentication workflows.
- Developed an admin dashboard for order/refund management using Firebase.

**Projects**

- Eshop Mobile App (React Native + Laravel): Secure cart/auth system for Android.
- Clothes\_Shop (React + Firebase): E-commerce platform with Google/email auth.
- Weather App (React Native): Personalized city selection using AsyncStorage.

**Education**

B.A., Arabic Language
Al-Azhar University, Cairo (2019 – 2026)

**Certifications**

Meta React Native Specialization (Coursera) | Full Stack Development Track (Coursera)

**Soft Skills**

Successful Presentation · Teamwork Skills · Time and Stress Management · Cross-Functional Communication · Effective Problem-Solving and Decision-Making ·

**Portfolio & Links**

Live Projects: Завзятий Господар (https://uk-uzrx.vercel.app) | FashFlash (https://fashflash.netlify.app)
Code Repos: GitHub (https://github.com/saif-mohammed1)
Portfolio: saif-mo.tech (https://saif-mo.tech)