Shiref Mohammed

MERN Full-stack Developer

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SUMMARY

Hi, I'm Shiref, a passionate PERN/MERN full-stack developer with 2.5+ years of advanced experience. I specialize in merging core scientific theories with real-world applications to build high-performance, scalable, secure, and reliable projects tailored to business needs—ensuring long-term sustainability.

SKILLS

I build high-performance UI with clean, maintainable code.
HTML | CSS | JavaScript | TypeScript | React.js | Redux | Next.js | Tailwind CSS | Bootstrap | NPM

I develop robust backend systems with strong design principles.
Node.js | Express.js | Socket.io | Node-cache | JWT | OAuth | Nest.js

I ensure reliability through comprehensive testing (unit, integration, API, UI, and UX).
Jest | Swagger | Postman

I design scalable databases with deep attention to DB architecture and performance.
SQL | PostgreSQL | MongoDB | SQLite | Firebase

I implement CI/CD pipelines for efficient and automated deployments.
Docker | Render | Vercel | CLI | GitHub

I apply strong computer science fundamentals to solve complex problems.
OOP | Data Structures | Algorithms | Problem Solving | Operating Systems | Database Design | Networks | System Analysis and Design | SOLID Principles

I deliver results with disciplined time management, a strong work ethic, and clear communication.
Deadline-driven & highly focused | Collaborative team player | Adaptable to fast-paced environments

PROJECTS

FactEcho (News Website - PERN Stack)   🔗 *github repo* . 🔗 *https://factecho-react-client.vercel.app*
A high-performance, reliable, scalable, and secure news website. Implemented RESTful API, API versioning, server logs, manual ORM with pure SQL, efficient database design, caching, resource management, clean code, SOLID principles, and a testing pyramid. Features include authentication (register, login, forgot-password, email verification, OAuth), user profiles (account, reading-list, newsletters, settings), roles for (Admin, Authors, Users), article management, main pages (homepage, suggested, trending, latest, search, category-based articles), error handling pages, and an admin dashboard. Followed SDLC.

NestMart (Supermarket Website - Full Stack)   🔗 *github repo* . 🔗 *linkidin video demo*
The website supports product browsing, cart management, order processing, real-time chat and notifications system with Socket.io, secure authentication, full-featured user profiles, roles and permissions, and an admin dashboard system. Implemented efficient database design with SQLite. Followed SDLC.

YouTube Clone (Not a Tutorial - MERN Stack) 🔗 *github repo* . 🔗 *https://youtube-arlw.onrender.com*

Built from scratch to test my dev skills, not based on a tutorial. The platform supports authentication, channel management, subscriptions, video management, search, real-time notifications, and an admin dashboard. Features similar functionality to YouTube.

Instagram Clone (Not a Tutorial - MERN Stack) 🔗 *github repo* . 🔗 *https://instagram-i8rw.onrender.com*

Built from scratch to test my dev skills, not based on a tutorial. The platform supports authentication, users accounts, friendship relations, post management, search, real-time chat, and an admin dashboard. Features similar functionality to Instagram.

My Portfolio (React) 🔗 *github repo* . 🔗 *https://shiref-mohammed.vercel.app*

I highly recommend checking out my portfolio to explore my work, skills, and projects.

EDUCATION

Bachelor's Degree in Computer Information Systems, Mansoura University.