

Mohanad Ayoub

Front End Developer

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 <https://mohanad-ayoub.netlify.app>  github.com/MohanadX

PROFILE

Next.js-focused Frontend Developer skilled in building performant, full-stack applications. Proven ability to enhance user experience and SEO through modern rendering techniques and optimized architecture.

SKILLS

Frontend: Next.js (Server side), React 19, TypeScript, JavaScript (ES6+)

Styling: Tailwind CSS, Shadcn/UI, Material UI

State Management: Redux Toolkit, React Query (TanStack), Context API

Backend & Databases: Next.js API Routes, MongoDB with Mongoose, REST APIs

Authentication: Next-Auth v5, OAuth, Session Management

Tools & Monitoring: Git, GitHub, Sentry, PostHog, ESLint, Prettier, Zod

PROJECTS

Ecourse Platform

2026

LMS for better learning

- LMS manages courses and products between Admins and users for better learning experience uses clerk for Auth system integrated with out postgres database using drizzle orm also built with PPP system (Purchase Power Parity) so it give all users coupons based on user country and this was integrated using Arcjet and used it for security reasons
- secured from all known cyber attack with rate limit for user allowed request count (prevent Dos attacks)
- managed products payments using stripe with inner refund system for user purchases structured by some rules for refunding
- used cache for both side: server & client side integrated with React Query client cache with Next js server cache in side of CDN delivery from both Next js for static resources and ImageKit cloud service for images
- Technologies: React, Next, React Query, Clerk, Arcjet, Stripe, Postgres & drizzle-orm, ImageKit, Tailwind, Shadcn
- Live: <https://e-course-mo2i.vercel.app>
- Code: <https://github.com/MohanadX/Ecourse>

Lorial

2025

Developers community

- The Hub For every Developer events to discover latest events For better Development Future and book events with email booking system, integrated with React Query for caching client Side and uses Next JS Layer cache on the server side which Improved data load efficiency by 50%, used Posthog for observability of analytics and error handling in production, use ImageKit for cloud image processing with mongoDd Atlas for cloud Database
- built with Next Auth system along side with Oauth and credentials providers
- Technologies: React, Next, React Query, Posthog, Next Auth, MongoDb, ImageKit Cloud
- Live: <https://lorial.vercel.app/>
- Code: <https://github.com/MohanadX/Lorial>

Web Field

2024

entrepreneurs and Startups Social Media

- Pioneered a server-side rendered startup showcase platform using Next.js, React 19+, and Shadcn Components; decreased initial page load time by 40%, enhancing user experience and SEO, and Sanity for database storage. it supports SSR, ISR, and PPR for fast and dynamic content delivery. also integrated with Sentry for error handling and web analytics further more built UI with Shadcn Components
- It is using next-auth with GitHub Oauth provider with integrated authorization logic for creating patches
- Technologies: React, Next, Sentry, Next Auth, Sanity, Zod, Shadcn
- Live: <https://web-field.netlify.app/>
- Code: <https://github.com/MohanadX/Web-Field>

CERTIFICATES

CS50's Introduction to Programming with Python | Harvard University (edX)

- Mastered Python programming, algorithms, and data structures through project-based learning

EDUCATION

Al-amjad School - Taiz - Yemen

high School Degree

LANGUAGES

- **Arabic:** Native
- **English:** Professional Working Proficiency