

# Mohammad Hosein Moslemi

**Frontend Engineer | Next.js, React & Cyber-Security Systems Specialist** Tehran, Iran  
(GMT+3:30) | Open to Remote Contract & Full-Time Opportunities

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## Professional Summary

Frontend Engineer with **3+ years of professional experience** specializing in high-security, data-intensive web architectures and premium commercial platforms. Currently developing **EDR (Endpoint Detection and Response)** systems at AmanSec. Expert in **Next.js App Router, TypeScript, and Enterprise UI (MUI)**. Proven track record of delivering high-performance, GSAP-animated applications and headless CMS (PayloadCMS) architectures. Focused on the intersection of security, performance engineering, and motion design.

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## Technical Skills

- **Frontend:** React 19, Next.js (App Router, Server Components), TypeScript, JavaScript (ES6+).
- **Enterprise UI & Security:** MUI (Material UI), Real-time Data Streaming (WebSockets), Agent Monitoring.
- **State & Data:** PayloadCMS (Headless), Jotai, Zustand, TanStack Query, Prisma ORM, PostgreSQL.

- **Animation & Styling:** GSAP (Advanced ScrollTrigger), Framer Motion, Tailwind CSS, Responsive UI/UX.
  - **Tools & Environment:** Git, GitHub Actions, Docker (Basic), Linux (Basic Command Line/Deployment), Node.js.
  - **Optimization:** Core Web Vitals, Memory Management, Scalable Component Architecture, Technical SEO.
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## Work Experience

### Frontend Engineer — AmanSec (Cyber Security)

Tehran, Iran | June 2025 - Present

- **Developed the UI for the flagship EDR Dashboard**, a mission-critical platform for monitoring and controlling security agents across Windows and Linux environments.
- **Architected the UI using MUI (Material UI)** to ensure a high-density, professional interface for security analysts, focusing on accessibility and data hierarchy.
- **Engineered complex real-time interfaces** to visualize security threats, utilizing WebSockets for live agent “heartbeat” monitoring and status reporting.
- **Optimized dashboard performance** to handle high-frequency data updates without UI lag, utilizing advanced memoization and atomic state patterns.

### Frontend Lead — Paresch Education

Tehran, Iran | Oct 2024 - June 2025

- **Architected an enterprise-scale LMS platform** using Next.js 15 and Prisma, supporting high-traffic educational workflows and multi-role access.
- **Led the frontend technical roadmap**, conducting rigorous code reviews and defining modular component architectures.
- **Improved Core Web Vitals**, resulting in a **40% improvement in LCP** through advanced caching and server-side rendering strategies.

# **Frontend Developer — ALIVE 8**

**Tehran, Iran | Jan 2023 - Oct 2024**

- **Built high-conversion e-commerce storefronts** and a reusable UI library that cut feature delivery time by **30%**.
  - **Handled application deployment** on Linux-based environments, utilizing basic CLI tools to manage Nginx and PM2 processes.
  - **Collaborated with UI/UX designers** to implement pixel-perfect, responsive layouts with a focus on smooth user transitions.
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## **Selected Projects**

### **EDR Security Management System (AmanSec)**

**Stack:** Next.js 15, **MUI**, TypeScript