

# MAYAR ALAHMAD

## Software Engineer | Frontend Developer

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### PROFESSIONAL SUMMARY

Detail-oriented Software Engineer specializing in React 19, Next.js, and TypeScript to build high-performance, user-centric web applications. Proven track record in managing complex remote states, integrating AI, designing intuitive UI/UX flows, and collaborating in agile teams to deliver secure, end-to-end production-ready digital experiences.

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### TECHNICAL SKILLS

- **Frontend & UI:** JavaScript (ES6+), TypeScript, React.js (v19), Next.js (SSR/ISR), Vite, HTML5, CSS3, Tailwind CSS v4, Styled Components, CSS Modules, shadcn/ui, Radix UI, Framer Motion.
  - **State, Data & Backend:** TanStack Query (React Query), Redux, Context API, Axios, REST APIs, Supabase (BaaS).
  - **DevOps, AI & Workflow:** Git/GitHub (Branching/Git Flow), Vercel, Netlify, Environment Variables, Linux, PowerShell, Google Gemini AI, Prompt Engineering, OpenCode.
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### EDUCATION

**Bachelor of Software Engineering** | Homs University (2020 – 2025)

- **Languages:** Native Arabic; Professional English; German (Menschen A1.1).
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### FEATURED PROJECTS

**Information Duel — AI Trivia Game** | [Live Demo](#) | [GitHub Repository](#)

*Stack: React, TypeScript, Tailwind CSS v4, Gemini AI, AI OpenCode, Vercel*

- Directed AI OpenCode integration utilizing advanced prompt engineering to generate dynamic, language-aware trivia questions; deployed the bilingual application to Vercel, securely managing API keys via environment variables.
- Conducted rigorous stage-by-stage testing and debugging to resolve emerging edge cases, ensuring seamless state management and accurate 60-second visual urgency timers.

**Safferni — Travel Booking Platform ( Graduation Project )** | [GitHub Repository](#)

*Stack: React 19, Tailwind CSS v4, Framer Motion, Radix UI, Axios, Git*

- Collaborated within a 4-person team, leading the Frontend architecture and managing version control via Git branching strategies to ensure seamless feature integration and strict codebase integrity.
- Designed a "Smart Suggestion" UI from concept to production that automatically presents available travel dates when selected routes are fully booked, significantly reducing user drop-off.

**The Wild Oasis — Hotel Management System** | [Live Demo](#) | [GitHub Repository](#)

*Stack: React, TanStack Query, Supabase, Styled Components, Netlify*

- Built a professional back-office SPA for hotel employees to manage operations, utilizing TanStack Query for robust remote state management, data caching, and automatic re-fetching.
- Deployed seamlessly to Netlify, securely configuring Supabase database URLs and authentication keys via environment variables for real-time PostgreSQL database operations.

**The Wild Oasis — Customer Website** | [Live Demo](#) | [GitHub Repository](#)

*Stack: Next.js (App Router), Tailwind CSS, Supabase Auth, Vercel*

- Developed a high-performance, guest-facing application utilizing Next.js to optimize SEO and enable Server-Side Rendering (SSR) for real-time cabin exploration filters.
- Created a secure, private "Guest Area" for reservation management, handling Vercel production deployments with secure environment configurations to synchronize with the internal management system.