Ahmed Badry

Frontend Developer | React | Next.js | TypeScript | Scalable UI Architecture

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PROFESSIONAL SUMMARY

Frontend Engineer with strong experience building scalable, production-ready web applications using React, Next.js (App Router), and TypeScript. Experienced in designing authentication lifecycles, managing server/client rendering boundaries, optimizing performance, and building maintainable component-driven architectures. Skilled in handling real-world frontend engineering challenges including hydration mismatches, race conditions, optimistic UI updates, protected feature gating, and production deployments. Focused on writing clean, scalable code with strong UX quality and maintainability in mind.

EDUCATION

Bachelor's Degree in Computer Science - The Egyptian E-Learning University (EELU)   **(2021 - 2024)**

Graduated with Honors (Grade: A+)

CORE FRONTEND EXPERTISE

- Component-driven architecture
- App Router architecture (Next.js)
- Server vs Client rendering strategies
- Authentication lifecycle design
- Optimistic UI patterns
- Performance optimization & render control
- Mobile-first responsive design
- Clean UX with reusable design systems

TECHNICAL SKILLS

- React (Advanced Hooks, Render Optimization, Composition Patterns)
- Next.js (App Router, Layouts, SSR, RSC, Streaming, Suspense)
- TypeScript (Strict mode, scalable type modeling)
- JavaScript (ES6+)
- Convex (queries, mutations, real-time backend integration)
- Redux Toolkit
- REST APIs & Axios
- Responsive & Cross-browser design
- Tailwind CSS
- Git, GitHub, GitHub Actions (CI/CD basics)

PROJECTS

Habit Tracker – Production-Ready Full-Stack Application

A scalable habit tracking application built with Next.js App Router and Convex backend, implementing real-world authentication, feature-level protection, and production-grade frontend architecture.

Key Engineering Highlights

- Designed centralized authentication bootstrap system
- Built optimistic UI updates for real-time habit interaction
- Solved race condition during first-login flow
- Built scalable reusable UI system using Tailwind + shadcn
- Designed mobile-native bottom navigation with auth control
- Implemented feature-level gated UX (no hard redirects)

Tech Stack

- Next.js, React, TypeScript, Convex, Tailwind CSS, shadcn/ui, Better Auth, Resend, Vercel

Live Demo: https://habit-tracker-ah.vercel.app   GitHub: https://github.com/ahmedbadry-dev/Habit-Tracker