

Ahmed Lotfy

Full Stack Web & Mobile Developer

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PROFESSIONAL SUMMARY

Full Stack Web & Mobile Developer with hands-on experience building modern applications using React, Next.js, React Native, Node.js, Bun, NestJS, and Drizzle ORM. Skilled in clean architecture, scalable backend design, API development, and delivering fast, reliable user experiences. Experienced in CI/CD pipelines, Docker deployments, and production-ready systems. Passionate about system design, code quality, and building impactful products.

TECHNICAL SKILLS

Frontend: React, Next.js, React Native, TypeScript, JavaScript, Expo, TailwindCSS, ShadCN/UI, Responsive Design

Backend: Node.js, Bun, Express.js, NestJS, Hono, Drizzle ORM, PostgreSQL, SQLite, REST API Design

DevOps & Tools: Docker, Dokploy, Git, GitHub, GitHub Actions, CI/CD, Linux

API & Data: REST APIs, Swagger, Redis Caching, Database Design, Query Optimization

State Management: Zustand, TanStack Query/Form, Redux, Context API

PROFESSIONAL EXPERIENCE

Freelance Full Stack Developer | 2023 – Present

- Built and deployed full-stack apps: Supermarket POS, BookNest, SelfTracker Fitness (React, Next.js, React Native, Node.js, Drizzle ORM).
- Designed RESTful APIs with Swagger documentation; implemented Redis caching for performance.
- Deployed apps with Docker and automated CI/CD pipelines.
- Developed responsive UIs with TailwindCSS and modern motion design.
- Built SEO-optimized portfolio website with Google Analytics and structured data.

Full Stack Developer (Remote Internship) | Chingu.io | 2023

- Collaborated with a remote team to build a full-stack project using Vite + Express.js.
- Implemented authentication, authorization, and secure API endpoints with Passport.js.
- Contributed to Agile sprints, code reviews, and team Git workflow standards.

KEY PROJECTS

Supermarket POS System (Frontend + Backend)

- Full-stack POS system handling products, transactions, inventory, and employees.
- Backend: NestJS with authentication/authorization & JWT; Frontend: Vite + React.
- Deployed via Docker with automated CI/CD pipelines.

BookNest Web Platform (Website + Backend)

- Full-stack book discovery platform with wishlist, cart, search, and admin dashboard.
- Backend: Express.js + Drizzle ORM; Frontend: React.
- Integrated external APIs (Google Books & NYT), responsive design, and SEO optimization.

SelfTracker Fitness Mobile App

- Cross-platform React Native app for tracking workouts, weight logs, and tasks.
- Features calendar view, charts, and task management; developed with Expo.

Additional Projects: hi-x.net LinkTree, DevChallenges Frontend Collection

EDUCATION

Bachelor of Information Systems | Delta Academy For Computers | 2005 – 2010

Self-Taught Full Stack Developer | Documented learning path at ahmedlotfy.site

Specializations: React, Next.js, Node.js, TypeScript, API Design, System Design

ADDITIONAL INFORMATION

- Fluent in English (Professional Working Proficiency)
- Available for remote work and relocation
- Open to contract, freelance, and full-time opportunities