

# 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.

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## 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

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## 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

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# EDUCATION

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

**Self-Taught Full Stack Developer** | Documented learning path at [ahmedlotfy.site](https://ahmedlotfy.site)

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

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# ADDITIONAL INFORMATION

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