

# Abdelrahman Aboalkhair

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github.com/Abdelrahman-Aboalkhair

## About Me

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Full-stack developer (Cairo) shipping TypeScript/React SaaS with PostgreSQL and Supabase; comfortable on Node or Deno backends and React Native clients; seeking remote software roles.

## Education

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**STEM-Focused High School Diploma**, Egypt

## Experience

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**Skipee — Site Builder & Business Automation SaaS** (UK)

- **End-to-End Product Engineering:** Architected a multi-tenant platform automating the job lifecycle for tradespeople, integrating a custom site builder with back-office business tools.
- **Complex Feature Integration:** Developed a synchronized “Estimator-to-Invoice” pipeline with Google/Apple Calendar sync and e-sign branded quotes.
- **Financial & Data Layer:** Implemented secure invoicing modules and designed data structures for third-party accounting integrations using a robust relational schema.

**SeenHR — AI-Powered Recruitment & HR SaaS** (Saudi Arabia)

- **AI Talent Acquisition Platform:** Engineered an AI-driven recruitment engine that automates resume screening and candidate matching by analyzing job requirements against talent data.
- **Operational Workflow Automation:** Shipped production-ready modules for HR workflows, including automated account management, credit tracking, and secure employee data handling.
- **Enterprise Security:** Implemented high-standard data protection using industry-standard encryption protocols (AES-256) for sensitive HR and recruitment data management.

**IoT Dashboard — Scalable Telemetry Platform** (Germany)

- **Distributed Telemetry Ingestion:** Engineered an asynchronous ingestion pipeline with unauthenticated device endpoints and worker-style queue processing to handle high-frequency time-series data (JSONB).
- **Multi-Tenant RBAC Framework:** Developed a granular Role-Based Access Control system with multi-tenant scoping for Super Users and facility-level roles (Admin, Ops, Viewer) managing geo-bounded locations.
- **System Architecture & DevOps:** Built a Deno/Hono REST API featuring OpenAPI documentation, JWT-based refresh flows, and comprehensive testing across a Drizzle ORM/PostgreSQL data layer.

**Top Rated Freelancer – Upwork**

- Top Rated Freelancer delivering full-stack web applications and SaaS products for international clients.
- Successfully managed high-stakes projects involving complex state management and database architecture.

## Technologies

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**Languages & Data:** TypeScript, PostgreSQL

**Frontend:** Next.js, React.js, React Native

**Backend:** Node.js, Deno, or managed backends (e.g. Supabase)

**DevOps:** Docker, CI/CD Pipelines