

AMR ABDELHALIM

Backend-Focused Full-Stack Web Developer

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PROFESSIONAL SUMMARY

Backend-focused Full-Stack Web Developer with a strong JavaScript foundation and practical project-based experience building REST and GraphQL APIs, authentication flows, database-backed features, server-backed state, and deployment-ready web applications. Comfortable across Node.js, Express, Next.js, React, MongoDB/Mongoose, SQLite/Sequelize, PostgreSQL exposure, Docker, and API-connected interfaces. Front-end background helps me design back-end systems around real product workflows and cleaner integration boundaries.

CORE TECHNICAL SKILLS

Back-End: Node.js, Express.js, REST APIs, GraphQL, API routing, controllers, middleware, validation, JWT, bcrypt, jose, authentication flows

Databases: MongoDB, Mongoose, SQLite, Sequelize, PostgreSQL exposure, relational and document-based data modeling

Full-Stack: Next.js, React, TypeScript, server-backed state, protected routes, API integration, responsive product workflows

Delivery & Tooling: Git, GitHub, npm, Vite, Webpack, Docker, deployment workflows, TypeScript checks, Vitest basics

Front-End Foundation: HTML, CSS, Sass, Tailwind CSS, Bootstrap, responsive QA, accessibility basics, RTL/i18n-aware interfaces

SELECTED BACKEND & FULL-STACK PROJECTS

Movies API | Node.js, Express, REST API, Sequelize, SQLite, JWT, bcrypt | 2025

- Built a backend-focused REST API for movies, users, reviews, and watchlists using organized routes, controllers, models, and validation layers.
- Implemented JWT authentication, password hashing with bcrypt, and database-backed application flows.
- Used Sequelize and SQLite to model and persist relational data while keeping the project API-first and integration-ready.

Event Booking Platform | Node.js, Express, Apollo GraphQL, MongoDB, Mongoose, React, TypeScript, Docker

- Built a full-stack event booking application with a separated React client and Node/Express GraphQL server.
- Modeled users, events, and bookings using MongoDB/Mongoose and exposed schema-driven operations for event creation, discovery, booking, and booking history.
- Demonstrates GraphQL API design, authenticated product flows, and database-backed entity relationships beyond REST-only examples.

Expense Tracker Web App | Next.js, TypeScript, MongoDB, Mongoose, bcrypt, jose, next-intl | 2025

- Developed a personal finance application with authentication, income and expense transactions, dashboard summaries, history views, and responsive state.
- Implemented protected user workflows with MongoDB/Mongoose models, bcrypt-based user handling, and jose authentication utilities.

PWA Notes App | Next.js, TypeScript, Node.js, MongoDB, Mongoose, PWA, Vitest, Docker | 2026

- Built a productivity-style notes application with authentication, persistent user data, rich editing, organized lists, profile controls, dark mode, and mobile-focused screens.
- Structured user-specific data and application state with MongoDB/Mongoose and added testing foundations with Vitest.

Real-Time Chat App | Node.js, Express, MongoDB, Mongoose, Socket.IO, JWT, React, React Native, Expo, Docker

- Built a real-time chat platform with authenticated users, profile screens, responsive web views, and backend-backed conversation flow.
- Used Socket.IO with an Express/MongoDB backend to support interactive messaging behavior and real-time communication surfaces.

Recipes Social Mobile App | Node.js, Express, Sequelize, PostgreSQL, Ionic, React, TypeScript, Docker | 2026

- Built an API-connected mobile-first recipes application with feed, detail, creation, comments, likes, profiles, login, and registration screens.
- Implemented an Express/Sequelize/PostgreSQL server with routes for accounts, posts, comments, and likes, connecting relational data to social app flows.

CERTIFICATIONS

- JavaScript Application Development Course - Hsoub Academy, Apr 2026
- Docker From Zero To Hero - Udemy, Mar 2026
- Master Git & GitHub: Essential Skills for Developers - Udemy, Mar 2026
- Front-End Web Development Course - Hsoub Academy, Mar 2025

EDUCATION

Postgraduate Diploma in Computer Science | Faculty of Graduate Studies for Statistical Research, Cairo University | 2025 - Present