

RECHIDI AHMED ABDELAAZIZ

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Location: Sidi Bel Abbès, Algeria

Professional Summary

I'm a full-stack (web/mobile) developer and computer science student with 2+ years turning ideas into shipped React and Flutter apps backed by secure Node.js (Express, NestJS) APIs. I enjoy crafting clean, responsive interfaces, modeling data carefully in MongoDB (indexes, aggregation, pagination), and building authentication that is seamless yet safe (JWT with refresh rotation, roles/permissions). Comfortable moving from sketching REST endpoints and adding validation/rate limits to profiling slow queries, writing reusable modules, containerizing with Docker, and refining CI/CD. Motivated by real problems, clear code, and steady improvements that keep products reliable, testable, and scalable.

Technical Skills

- **Frontend:** React, Flutter (Dart), responsive UI
- **Backend / APIs:** Node.js, Express, NestJS, REST design, pagination, file upload
- **Auth & Security:** JWT + refresh rotation, role/permission-based access, input validation, rate limiting, secure password flows
- **Databases:** MongoDB (aggregation, indexing), basic MySQL, Firebase
- **DevOps / Tooling:** Git, Docker, CI/CD, environment configuration, Postman
- **Testing / Quality:** Modular architecture, error handling, logging
- **Practices:** Clean code

Projects

- **FENNEQCM (React, NestJS, MongoDB, Flutter):** Web and mobile platform for medical exam prep with MCQ bank, timed mock exams, performance analytics, progress tracking; implemented modular NestJS services, efficient MongoDB queries, and Flutter mobile client.
- **EasyHome (Express, MongoDB):** Backend for a services marketplace featuring secure auth (access + refresh tokens), role-based access, service listings, booking workflow, pagination, validation middleware, and scalable REST structure.
- **HAKIM (Flutter, Express, MongoDB):** Cross-platform medical social app (real-time chat, appointments, patient records, blog, Q&A) emphasizing modular code organization, secure data handling, and reusable API components.

Professional Experience

Freelancer: Full-Stack Developer (Mobile & Web)

2023–Present

- Designed and delivered Flutter mobile apps and Node.js backends with secure auth, validation, and structured logging.
- Built reusable API modules (users, auth, content, analytics) improving development speed and maintainability.
- Optimized database access (indexes, projection, pagination) reducing query latency on high-read endpoints.

Education

Higher School of Computer Science (ESI-SBA)

Sidi Bel Abbès, Algeria

Computer Science Student (Full-Stack Backend focus)

2022–Present

Coursework: algorithms, data structures, OS, networks, databases, software engineering.