

Mohammad Abdalrazzak

Software Development Engineer

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SUMMARY

Backend Engineer specialized in building scalable systems and real-time architectures using TypeScript, NestJS, and modern databases. Proven ability to improve system performance, reliability, and team delivery through clean architecture and DevOps practices. Passionate about creating tools that solve real-world problems.


SKILLS

- **Programming Languages:** JavaScript, TypeScript
- **Back End Technologies:** Node.js, Express.js, NestJS
- **Front End Technologies:** React, Svelte, SvelteKit, HTML, CSS, MUI, Bootstrap, Tailwind
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis
- **ORM/ODM:** Sequelize.js, Prisma, TypeORM, Mongoose
- **Development Tools & Platforms:** Swagger, Postman, Git, GitHub, Jira, Docker, Firebase, AWS, Azure, Ubuntu
- **Architecture:** Microservices, Event-Driven, Domain-Driven Design
- **Testing:** Jest, Supertest

EXPERIENCE


Back End Developer, Unifi Solutions  04/2024 – Present | Remotely

- Built an Asset Management system, boosting resource tracking efficiency across departments by 30%.
- Designed real-time IoT alerts system, reducing response delays by 30%.
- Refactored backend services using NestJS and Redis, increasing throughput by 20%.


Full Stack Developer, EasyApp  10/2023 – 01/2024 | Remotely

- Optimized backend with Node.js and MongoDB, handling 200+ TPS and reducing query latency by 60%.
- Implemented Firebase push notifications and WhatsApp login, increasing retention and trust

PROJECTS

QBite, Back End Developer  *Node.js, NestJS, MySQL, Prisma, Swagger/OpenAPI, Redis, i18n, Ubuntu.*

- Led a team in developing an eco-friendly e-menu system, reducing paper use by 90% and update costs by 50%, improving order efficiency by 15%.
- Managed a process re-engineering project to improve and consolidate end-to-end service processes.
- Restructured communication flow among 10 departments and cut down paperwork by 75%.
- Documented 20+ APIs with Swagger, reducing integration time by 30%.
- Integrated QR-code menu displays, cutting customer wait times by 50% and increasing order accuracy by 25%.

XBlog Platform, Content Publishing & Moderation  *TypeScript, NestJS, Prisma ORM, GraphQL, PostgreSQL, Docker, RabbitMQ, Nodemailer, Passport, JWT*

Developed a scalable blog platform with user roles, threaded comments, and post/category management. Integrated async email workflows via RabbitMQ and Nodemailer. Dockerized app with full API docs using Swagger and covered key flows with Jest.

EDUCATION

Computer Science, University of Aleppo 2021 – 2026 | Aleppo, Syria

- Currently pursuing Computer Science at a top Syrian university.
- Participated in ICPC problem-solving challenges, improving algorithmic and coding skills through competitive programming.