Mohammad Abdalrazzak

Software Development Engineer

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EXPERIENCE

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

- Developed an Asset Management microservice handling complex asset lifecycles, device linking, and hierarchical group management.
- Implemented an Integrated Building Management System (IBMS) for real-time building automation and control.
- Built a Device Management system for IoT device provisioning, monitoring, and remote control.
- Designed and implemented a multi-tenant SaaS architecture with full data isolation and tenant-specific configurations.
- Enabled real-time monitoring and control of building systems and IoT devices with sub-second response times.
- Optimized high-volume IoT data stream processing to ensure scalability and reliability across diverse facility types.
- Delivered a scalable foundation for asset tracking supporting multiple enterprise clients in production.

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

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

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%.

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.