

Mahmoud Miqdad

Full-Stack Software Engineer | .NET & React

Gaza, Palestine · Open to Fully Remote Roles · Available Immediately

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PROFILE

Full-Stack Software Engineer with 17 months of fully remote delivery across two companies, building on ASP.NET Core and React. My .NET booking platform was independently reviewed by two senior engineers at Foothill Technology Solutions and scored **5/5 on documentation, logging, and pagination**, with CQRS noted as applied *"in an excellent way."* Two LinkedIn recommendations from direct supervisors. Available immediately for remote roles.

TECHNICAL SKILLS

Backend: C#, ASP.NET Core (Web API/MVC), EF Core, LINQ, MediatR, SignalR, RabbitMQ, Python (Django / Flask)

Frontend: React, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap

Databases: SQL Server (T-SQL), MySQL, MongoDB

Architecture: Clean Architecture, CQRS, SOLID Principles, Design Patterns, Event-Driven Systems

Testing & DevOps: xUnit, Postman, Swagger, Git, GitHub Actions, Docker, AWS EC2, Nginx

EXPERIENCE

Full-Stack Software Engineer (Volunteer) | Masar — Early-Stage E-Learning Startup | Remote

Aug 2025 – Jun 2026

Built and owned OneLine Academy, the administrative platform behind the startup's course operations.

- Engineered an admin panel for course moderation and content management on ASP.NET Core and EF Core, replacing manual moderation and instructor-onboarding workflows with automated flows.
- Built the administrative interfaces in React alongside Bootstrap and JavaScript, working across the full stack from API design through to the UI.
- Optimized EF Core and LINQ queries behind enrollment and academic-relationship views, cutting load times on the heaviest admin screens.
- Delivered features within an Agile team, tracking work through Trello.

Backend Developer Intern | Foothill Technology Solutions, LLC | Remote

Feb 2025 – Jul 2025

Structured ~400-hour backend residency; certificate of completion issued Aug 2025.

- Built a distributed server monitoring and notification system in C# / .NET 8, sampling CPU and memory metrics at configurable intervals.
- Implemented asynchronous message queuing with RabbitMQ and real-time anomaly alerts over SignalR; persisted metrics to MongoDB.
- Engineered RESTful APIs using middleware, dependency injection, and LINQ; integrated Stripe for production payment workflows.
- Applied SOLID and clean abstractions so collection, messaging, and storage stayed independently replaceable; covered logic with xUnit.

INDEPENDENT CODE REVIEW

TravelEase — Backend Code Review | Foothill Technology Solutions, LLC

Aug 2025

Reviewed line by line by Waleed Jubeh & Nelson Ortega, Senior Engineers. · [Read the full evaluation \(PDF\)](#)

- 5 / 5** — Documentation (README), Pagination, Logging
- 4 / 5** — RESTful design, Clean code, Unit testing, Database design, Error handling
- "Overall, this is a solid project with good engineering practices. The RESTful design is excellent."*
- Reviewers highlighted CQRS applied in an excellent way, SOLID principles, and a generic repository pattern.

TECHNICAL PROJECTS

TravelEase — Travel & Accommodation Booking Platform | [GitHub](#)

- Scalable hotel booking API on Clean Architecture with CQRS and MediatR — authentication, advanced search, media management, payments, and PDF invoicing end to end.
- Stripe payments, JWT authentication, and Argon2 password hashing; search by city, rating, capacity, and check-in/check-out dates.
- Cloudinary media storage, SendGrid email with generated PDF invoices, xUnit test coverage, and Dockerized deployment.
- **Tech stack:** C#, .NET 8, EF Core, SQL Server, CQRS, MediatR, Stripe, JWT, xUnit, Docker, Swagger

Rentora — Peer-to-Peer Tool Rental Marketplace | [GitHub](#) | [Live Demo](#)

- Peer-to-peer marketplace built for the Palestinian market, turning idle tools into income for owners and affordable access for renters.
- Smart search powered by Google Gemini AI — users describe a job in plain language and receive matching tools.
- Stripe payments and a Fat Model / Lean View architecture; running in production on AWS EC2 (Ubuntu) behind Nginx and Gunicorn.
- **Tech stack:** Python, Django 6, MySQL, Google Gemini AI, Stripe, Bootstrap 5, AWS EC2, Nginx, Gunicorn

Server Monitoring & Notification System | [GitHub](#)

Built at Foothill Technology Solutions

- Distributed .NET 8 system sampling server health, detecting anomalies against configurable thresholds, and pushing live alerts to connected clients.
- Publishes metrics to a RabbitMQ topic queue, broadcasts real-time alerts over SignalR, and persists statistics to MongoDB; orchestrated with Docker Compose.
- **Tech stack:** C#, .NET 8, RabbitMQ, MongoDB, SignalR, Docker

EDUCATION & TRAINING

Bachelor of Engineering in Computer Systems Engineering | Al-Azhar University — Gaza

Sep 2021 – Feb 2026

- GPA 4.29 / 5.0 (85.74%) — Very Good · Credential ID V7QD5M5V3AJE

Full Stack Web Development Bootcamp | Axsos Academy — Palestine

Feb 2026 – Aug 2026

- 660 clock hours across web fundamentals, Python, and algorithms, closed by two shipped projects (solo and team). · Credential ID nfqraiqu1

Train of Trainers (T.O.T) | Arab Trainers Union

Nov 2025

- 50-hour program in training design, delivery, and audience engagement.

All certificates and credential documents are viewable on my [portfolio](#).

RECOMMENDATIONS

"Always delivered clean and reliable code, and took deadlines seriously, often finishing tasks ahead of time. I would gladly recommend Mahmoud for any role."

— **Randa Zreiq**, Lead Technical Engineer, Foothill Technology Solutions — direct mentor · [verify](#)

"Strong problem-solving abilities, attention to detail, and a proactive attitude. Mahmoud will be a valuable asset to any team."

— **Mahmoud Murtaja**, Software Engineer · ASP.NET Core, Masar — direct manager · [verify](#)