MARWAN MOKHTAR KAMEL

Software Engineer | Minia, Egypt

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PROFESSIONAL SUMMARY

Software Engineer with a strong foundation in C#, OOP, and SQL. Passionate about building enterprise-grade solutions using .NET ecosystems combined with AI tools integration. Experienced in optimizing code logic through work with Large Language Models (LLMs) at Outlier AI. Proficient in Full Stack development, applying solid architecture principles to deliver scalable, maintainable software.

PROFESSIONAL EXPERIENCE

Junior .NET Developer / AI | Thought Craft Egypt — Cairo, Egypt
Jan – Present

- Develop and maintain enterprise-grade applications using C# and .NET Core, following best practices and scalable architecture principles.
- Integrate AI tools and LLM-powered features into internal and client-facing solutions.
- Collaborate with cross-functional teams to analyze requirements, design features, and implement solutions.
- Participate in code reviews and contribute to technical documentation for development processes.

AI Data Trainer | *Outlier AI — Remote (California, USA)*
Dec 2024 – Oct 2025

- Evaluated and improved AI and language models through structured code and reasoning reviews.
- Provided high-quality feedback to enhance model clarity, accuracy, and reliability.
- Prepared, labeled, and validated diverse datasets (text, image, and structured data) for machine learning.
- Ensured consistency and compliance with data annotation standards across large-scale projects.

Full Stack .NET Developer (Graduation Project) | Homiee – Real Estate Management System — Minia University
Jan 2025 – Jun 2025

- Architected and developed a scalable Real Estate platform, integrating ASP.NET Core Web APIs with a React frontend.
- Designed the database schema using SQL Server, ensuring data integrity for property listings and user contracts.
- Implemented Object-Oriented Programming (OOP) principles to manage complex business logic for transactions and property status.
- Collaborated on defining the system architecture and consuming RESTful APIs, ensuring seamless data flow between client and server.

Full Stack Developer (Freelance) | Al-Hamd Ceramics & Porcelain Management System — Remote
May 2025 – Jul 2025

- Built a full web-based management system using **Next.js 14, React, TypeScript.**
- Developed **Supabase** backend for real-time inventory, invoices, and user management.

- Added **PDF invoicing**, reusable UI components, and validation for accurate data handling.

Full Stack Developer (Personal Project) | Calories Tracker Platform
Feb 2025 – May 2025

- Created a nutrition tracking web platform integrating **Google Fit API** for real-time fitness data.
- Built a **React** + **Vite** frontend with **Tailwind CSS** and **Framer Motion** for performance and aesthetics.
- Engineered a **Node.js** + **Express** + **MongoDB** backend with **JWT** authentication and encryption.

SKILLS

- **Languages & Backend: C#**, **.NET Core**, **ASP.NET Web API**, LINQ, Entity Framework (EF), Node.js.
- **Database: SQL Server (T-SQL)**, Database Design & Optimization.
- **AI & Engineering:** AI Model Training (RLHF), Code Analysis, Prompt Engineering, LLM Integration, Git/GitHub.
- **Frontend:** TypeScript, JavaScript (ES6+), Tailwind CSS, Framer Motion.
- **Concepts: OOP**, Data Structures & Algorithms, **SOLID Principles**, RESTful Architecture, Design Patterns.
- **Soft Skills:** Problem Solving, Technical Research, Adaptability, Time Management, Team Collaboration.

EDUCATION

Bachelor of Science in Computer Science
Minia University – Minia, Egypt
Oct 2021 – Jun 2025

- Major: Computer Science | Minor: Mathematics
- GPA: **2.68 / 4.00**
- Ranked 1st in Department (Major & Minor) (Class of 2025)

CERTIFICATIONS & TRAINING

Web Development Using .NET – ITI Summer Training
Information Technology Institute (ITI), Egypt | **Jul – Aug 2024**

- 60-hour intensive program covering ASP.NET Core, web application architecture, and database integration.
- Achieved a perfect score (100%) in final evaluation.

LANGUAGES

Arabic: Native
English: Proficient