

MAHDI ALI KHALIL

Full-Stack Developer | .NET • SQL Server • APIs • AI Tools

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PROFESSIONAL SUMMARY

Full-Stack Developer with 1 year of hands-on experience building internal business systems, ASP.NET Core MVC applications, REST APIs, SQL Server workflows, Python automations, analytics dashboards, and AI-assisted solutions. Skilled in using AI tools, prompt engineering, Claude Code, and AI API integration to accelerate development while maintaining code quality and reliable business logic. Strong problem solver experienced in production debugging, SQL optimization, integrations, data investigations, and turning business requirements into working applications.

TECHNICAL SKILLS

Languages: C#, SQL / T-SQL, JavaScript, TypeScript, Python, Java, PHP

Backend: ASP.NET Core MVC, REST APIs, Entity Framework Core, Razor, Authentication/Authorization

Database & Data: Microsoft SQL Server, MySQL, Stored Procedures, Views, NAV/ERP Data, Query Optimization

Frontend: HTML5, CSS3, JavaScript, Angular, Bootstrap, Tailwind

Automation & Integration: Python, pyodbc, pandas/openpyxl, Excel/CSV Processing, FTP/WebDAV File Flows

AI Skills: Claude Code, AI API Integration, Prompt Engineering, AI-Assisted Development, Workflow Automation

Problem Solving: Root-Cause Analysis, Production Debugging, SQL Investigation, Performance Tuning, Business Logic Validation

Tools: Visual Studio, VS Code, SSMS, Git, IIS, Postman

PROFESSIONAL EXPERIENCE

Software Developer — Admic sal, Beirut

2025 – Present

- Developed and maintained internal ASP.NET Core MVC and Web API applications supporting tenant sales, loyalty/account screens, item management, delivery signatures, and daily business workflows.
- Built features end-to-end from database design to UI, including SQL tables/stored procedures, EF Core models, controllers, views, validation, and role-based access flows.
- Created Python automations for FTP/WebDAV/SFCC/SFMC file processing, Excel/CSV imports, SQL loading, archiving, duplicate handling, and execution logging.
- Implemented an AI-assisted SEO automation flow using structured prompts, AI API integration, validation rules, and SQL insertion/update logic to reduce manual content work.
- Contributed to a web-based reports and analytics dashboard that turns SQL business data into reusable views, filters, dashboard cards, and chart-ready outputs.
- Investigated and resolved production issues such as barcode/variant mismatches, empty quantities, currency/data inconsistencies, slow queries, import failures, and integration errors.
- Worked directly with business users to understand requirements, test outputs, explain fixes, and deliver practical solutions without disrupting existing business logic.

Freelance Web Developer — Remote / Client Projects

2022 – 2024

- Delivered real-world websites and small web applications to users and clients, translating requirements into responsive, usable, and maintainable solutions.
- Built hotel booking flows, landing pages, restaurant menus, browser games, and front-end prototypes using HTML, CSS, JavaScript, Angular, Node.js, PHP, and MongoDB.

PROJECT HIGHLIGHTS

- **AI SEO Automation:** Python + AI API integration for product SEO metadata generation, with prompt design, output validation, SQL persistence, and content workflow automation.
- **Reports & Analytics Dashboard:** ASP.NET Core MVC dashboard using SQL queries/views and analytics concepts to expose business metrics through filters, cards, and chart-ready datasets.
- **Tenant Sales Portal & API:** ASP.NET Core MVC/Web API, SQL Server, API-key authentication, Excel upload/preview, daily and monthly sales submissions.
- **Python Import Automations:** Automated FTP/WebDAV downloads, Excel/CSV processing, SQL imports, duplicate handling, archiving, and log tracking.
- **Hotel Reservation Web App:** Full-stack booking application with admin dashboard, reservation flow, and room/booking management using Node.js and MongoDB.
- **Web & Angular Projects:** Browser games, YouTube-style clone, and recipe book interface using JavaScript, Angular, TypeScript, Tailwind, and PrimeNG.

EDUCATION

Bachelor in Computer Science — Lebanese University, Hadath

2020 – 2024

LANGUAGES

Arabic: Native | English: Fluent | French: Good