**Mohammed Alhajjaj**

Senior Full-Stack Engineer

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| Why Me? |

I am a collaborative and driven software developer with 8+ years of experience. I have a diverse full-stack skill set and have successfully completed over 30 projects from concepts and business requirements to implementation. I have successfully collaborated with over 15 clients to deliver customized software solutions.

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| SKILLS |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| * C# | * C++ | * Java | * Python | * SQL | * JavaScript | * TypeScript | * HTML |
| * CSS | * ReactJS | * Node.js | * Angular | * RESTful API | * GraphQL | * WCF | * gRPC |
| * MSSQL | * MySQL | * PostgreSQL | * Redis | * SQLite | * ASP.NET | * EF | * SOAP |
| * MVC | * Blazor | * Swagger | * MongoDB | * iOS | * Android | * Xamarin | * MAUI |
| * WPF | * XAML | * MVVM | * Razor Pages | * Git | * GitHub | * CI/CD | * DevOps |
| * Azure | * GCP | * AWS | * Nginx | * Docker | * K8S | * Microservices | |
| * SOLID | * Unit testing | * DDD | * XUnit | * Agile | * Scrum | * Azure Data Factory | |
| * GitLab | * Visual Studio | * VS Code | * XCode | * Firebase | * LLMs | * JIRA | |

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| EXPERIENCE |

**Senior .NET Backend Developer | Carebook | Calgary, AB | 2023 – Present**

As a senior backend developer in the pharmacy product, I modernized the platform by upgrading from ASP.NET Core 3.1 to .NET 6 and .NET 8, while adding new features and microservices to meet evolving client needs. My role involved maintaining and optimizing the backend, ensuring seamless integration with other systems, and delivering scalable, reliable solutions aligned with industry standards.

**Web Developer | Budgeto - Capstone Project | Calgary, AB | 4 months**

Collaborated with an agile team of four engineers to re-engineer an old PHP financial/accounting platform into a standalone API using Python, Flask, Swagger, MySQL, Postgres, Redis, and JWT. Designed and implemented API, user management/authentication, and user activity logging for analytics. Responsible for building and maintaining CI/CD pipelines on Docker Compose with GitHub Actions and Azure and ensured testing for all sides of the project.

**Full-Stack Developer | Upwork| Calgary, AB | 2020 - 2023**

Collaborated with over 15 clients to deliver over 20 successful software projects with 100% satisfaction. Projects ranging from full-stack web to mobile app development with a focus on quality and timely delivery. Managed project timelines/milestones, ensuring all projects were completed on time and within budget.

**Medical Startup Lead Developer | Medway | 2018 – 2020**

Designed and developed a multi-user (doctor, patients, admin) medical management system. Developed SQL server DB and WCF service back-end, mobile apps (iOS, Android) and web portal front-end. Supervised a team of 2 developers, resulting in a successful launch gaining over 2000 users in 2 weeks.

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| PROJECTS |

**Carebook Platform Modernization (C#/.NET 8/Azure):**

* Led the modernization of platform by upgrading from ASP.NET Core 3.1 to .NET 6/8 and designing microservices.
* C#, ASP.NET Core, AWS, Docker, MongoDB, caching and performance optimization.
* Architected scalable backend solutions and seamless integration with third-party systems.
* Built and maintained CI/CD pipelines using Azure DevOps and Docker, reducing deployment times by 40%.

**Budgeto Financial Platform API (Web/API/Python):**

* Worked as part of an agile team of four engineers to re-engineer an old PHP financial/accounting platform.
* Python, Flask, Swagger, MySQL, Postgres, Redis, and JWT for user authentication/authorization management.
* Designed and implemented the API, as well as the user management and authentication.
* Built and maintained the CI/CD pipelines with GitHub Actions and Azure on a docker-compose.

**3D Printing Community Platform (Full-Stack/Web/C#/Blazor/.NET):**

* Blazor Server, MudBlazor, and MSSQL, enabling contributors to share 3D designs and fulfill custom print requests.
* Supports user roles for contributors and requesters, handling prints for prosthetics, tools, and artistic models
* Deployed via CI/CD pipeline with GitHub Actions to cloud hosting for seamless updates

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| EDUCATION |  |

**University of Calgary** M.Eng. Software Engineering 2023

**University of Basra** B.Sc. Engineering 2016