

Mohammed Alhajjaj

Full-Stack Engineer

[Upwork](#) | [LinkedIn](#) | [Portfolio](#) | [GitHub](#) | mjspk@outlook.com | 403.560.4799 | Calgary, AB Canada

Why Me?

I am a collaborative and driven software developer with 5+ 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.

SKILLS

| | | | | | | | |
|--------|---------------|-------------|--------------|--------------|-------------|------------------------|---------|
| •C# | •C++ | •Java | •Python | •SQL | •JavaScript | •TypeScript | •HTML |
| •CSS | •Bootstrap | •Node.js | •Angular | •RESTful API | •GraphQL | •WCF | •gRPC |
| •MSSQL | •MySQL | •PostgreSQL | •Redis | •SQLite | •ASP.NET | •EF | •LINQ |
| •MVC | •Flask | •Swagger | •Spring-Boot | •IOS | •Android | •Xamarin | •MAUI |
| •WPF | •XAML | •MVVM | •VS Code | •Git | •GitHub | •CI/CD | •DevOps |
| •Azure | •Google Cloud | •AWS | •Nginx | •Docker | •Software | •Software Design | |
| •SOLD | •Unit testing | •JUnit | •XUnit | •Agile | •Scrum | •Software Architecture | |

EXPERIENCE

Full-Stack Developer | Upwork | Calgary, AB | 2020 - Present

Collaborated with 13 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.

PROJECTS

Software Startup Website (Full-Stack .NET/MSSQL)

- ASP.Net Core MVC (website & web API) using C#, Entity Framework, HTML, CSS, JavaScript, and MS SQL.
- Website generates templated portfolio for projects and users added to the DB via admin web interface.
- Using generated content reduced the time required to build a company website by 50%.

Digital Library (Full-Stack Web Angular/Node.js)

- The website offers a big collection of books by integrating the Gutenberg project library of 60,000 free book.
- Angular 15 on top of Node.js 16, express REST API, Nginx, docker-compose deployed on Azure.
- Using the Gutenberg catch SQLite with Elasticsearch to improve searching speed of 70,000 record.

Professional Drawing and Modeling App (Android/iOS)

- iOS/Android drawing and modeling app built with .NET, C#, SkiaSharp, and SQLite.
- Designed JSON base project structure to increase the loading time by 70%.
- Implemented auto-smoothing algorithms for drawing, and many shapes, text, and images (SVG or PNG).

Cooking Website Powered by AI (Full-Stack Web Angular):

- Built with HTML, CSS, Dark/Light them, Angular, TypeScript, MealBD API, GPT 3.5 and DALL.E 2.
- Deployment: Nginx server in a Docker container on an Azure App Service.
- Enables users to search and filter recipes as well as generate new meals with AI by listing raw ingredients.

Document Autofill App (Windows & Android/iOS)

- .NET/C#/WPF windows app opens any document type with placeholders for basic personal info (e.g., gov. Id).
- C#/.NET mobile app scans the Id then extract info using OCR and sends it to the windows app over TCP.
- Switching to using the advanced phone camera improved accuracy by 90%.

EDUCATION

University of Calgary

M.Eng. Software Engineering

May 2022 – Apr 2023

University of Basra

B.Sc. Engineering

Oct 2012 – Jun 2016