

# Haseeb Ur Rahman Mohammad

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## SUMMARY

- Around 2+ years of professional software experience in developing Web Applications, Web Services, Microservices, and implementing robust enterprise solutions.
  - Experience in developing web-based applications using .NET 6/7/8, .NET Framework 4.0/4.5/Core including C#, ASP.NET, MVC, AJAX, Web API, Web Services, ADO.NET, LINQ, Entity Framework, XML, and IIS 10.0.
  - Worked on various architectures like Microservices, Model View Controller (MVC), Multi-Tier, 3-Tier, Web API, and Single-page Application architectures.
  - Expertise in jQuery, AJAX to make calls to Web API RESTful Services and implementing API Gateways.
  - Proficient in developing Single-page Applications using Angular 15/16/17 framework with reactive programming.
  - Strong experience in Angular Services, Dependency Injection, Directives, Routing, Filters, and Factories.
  - Experienced in Azure Cloud Services including App Services, Azure Functions, Azure DevOps, Azure SQL, and Azure Kubernetes Service (AKS).
  - Experienced in implementing DevOps practices, including CI/CD pipelines with Azure DevOps, automation, and containerization with Docker, enhancing deployment efficiency.
  - Proficient in SQL Server 2019/2022 Database development including complex Stored Procedures, User-Defined Functions, Triggers, Views, and Performance Tuning.
  - Expertise in writing Data Access Logic using Entity Framework Core, Repository Pattern, and LINQ for optimal performance.
  - Strong experience in designing responsive User Interface using HTML5, CSS3, Bootstrap 5, and JavaScript/TypeScript/jQuery.
  - Expertise in developing test cases for Unit Testing using automation frameworks like Selenium, NUnit, and MSTest.
  - Demonstrated ability to collaborate with cross-functional teams, effectively communicating technical concepts to stakeholders.
  - Experienced in utilizing Agile methodologies with Scrum and Kanban within the Software Development Life Cycle (SDLC).
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# TECHNICAL SKILLS

**Operating Systems:** MS Windows 10/11, Linux, Azure Cloud Environment

**Design Patterns:** MVC, Repository, Factory, Singleton, Dependency Injection, SOLID Principles

**MS Technologies:** .NET 8/.NET 7/.NET 6, .NET Core 3.1, .NET Framework 4.8, Entity Framework Core 7.0, LINQ, ADO.NET, C# 11/10, ASP.NET Core, Web API

**Cloud Technologies:** Azure App Services, Azure Functions, Azure DevOps, Azure SQL, Azure Storage, Azure API Management

**Architecture:** Microservices, N-Tier, REST APIs

**Languages:** C# 11/10, Java, Python, SQL, T-SQL, HTML5, CSS3, JavaScript, TypeScript 4.9

**Web Technologies:** ASP.NET Core, XML, Web Services, JavaScript ES6+, AJAX, Angular 17/16/15, React, JSON, RESTful APIs

**Rich GUI:** HTML5, CSS3, Bootstrap 5, jQuery, AJAX, SASS, Material Design, Tailwind CSS, Media Queries

**RDBMS:** SQL Server 2019/2022, Azure SQL

**Frameworks:** .NET 8/7/6, ASP.NET Core, Entity Framework Core 7.0, Angular 17/16/15

**IDE:** Visual Studio 2022, VS Code

**DevOps & CI/CD:** Azure DevOps, Git, GitHub Actions, Jenkins

**Methodologies:** Agile, Scrum, OOP principles

**Unit Testing Tools:** NUnit, MSTest, Selenium, JMeter, Postman

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# PROFESSIONAL EXPERIENCE

**Software Developer | JET Health Solutions | Fort Lauderdale, Florida | February 2024 - Present**

## Responsibilities:

- Architected and developed microservices-based applications using .NET 8, C#, and Azure, implementing dependency injection and SOLID principles.
- Developed and tested SQL code within a C# framework, creating complex stored procedures, user-defined functions, and triggers to optimize performance and ensure high efficiency.
- Collaborated in daily scrums to prioritize and implement user stories, ensuring timely delivery of features in a fast-paced Agile environment.
- Designed and developed responsive web applications using C#, .NET 8, HTML5, CSS3, and Angular 17, significantly enhancing user experience and functionality.
- Implemented SOAP and RESTful services with Web API, utilizing Azure API Management to efficiently return JSON data for seamless integration with front-end applications.

- Migrated complex SQL Server stored procedures to C# using Entity Framework Core and LINQ, improving data manipulation efficiency and overall application performance.
- Configured CI/CD pipelines using Azure DevOps and Jenkins for automated builds and deployments from Git, reducing deployment time and minimizing errors.
- Developed Single Page Applications (SPAs) using Angular 17 with dependency injection and reactive forms, enabling dynamic content updates without full-page reloads for a smoother user experience.
- Crafted optimized T-SQL stored procedures, functions, and triggers on SQL Server 2022 to optimize data retrieval processes, supporting application requirements.
- Leveraged Azure Cloud Services including App Services, Azure Functions, and Azure SQL for scalable cloud-native application development.
- Implemented containerization with Docker and Kubernetes for microservices deployment and orchestration.
- Performed comprehensive unit testing using NUnit and integration testing with Selenium for quality assurance.

**Environment:** .NET 8, ASP.NET Core, C# 11, SQL Server 2022, Entity Framework Core 7.0, LINQ, Angular 17, TypeScript 4.9, HTML5, CSS3, Bootstrap 5, JavaScript, Azure DevOps, Azure Cloud Services, Docker, Kubernetes, REST APIs, Microservices Architecture

## **Software Developer Intern | JET Health Solutions | Fort Lauderdale, Florida | August - December 2023**

### **Responsibilities:**

- Enhanced SQL performance by optimizing existing queries, implementing indexing strategies and creating efficient stored procedures, resulting in 40% improved application response times.
- Collaborated on a team project to design and develop a microservices-based web application using Angular 16 and .NET 7, contributing to front-end and back-end integration with dependency injection patterns.
- Implemented new features and resolved bugs in existing applications, utilizing Agile methodologies with Scrum to ensure timely delivery and quality assurance.
- Completed advanced training in Azure cloud technologies and DevOps practices, gaining hands-on experience with Azure App Services, Azure Functions, and Azure SQL for application deployment and monitoring.
- Developed RESTful APIs using ASP.NET Core Web API and implemented proper error handling and logging mechanisms.
- Utilized Entity Framework Core with repository pattern for efficient data access and management.
- Engaged in code reviews and contributed to the development of internal documentation, enhancing team knowledge sharing and project transparency.
- Implemented responsive design using Bootstrap 5 and CSS Grid for optimal viewing across different devices.

**Environment:** .NET 7, ASP.NET Core, C# 10, SQL Server 2019, Azure Cloud Services, Entity Framework Core, Angular 16, TypeScript, HTML5, CSS3, Bootstrap 5, JavaScript, Microservices, REST APIs, Azure DevOps, Git

**Software Developer Intern | JET Health Solutions | Fort Lauderdale, Florida | May - July 2023**

**Responsibilities:**

- Developed and tested SQL code within a C# framework, creating stored procedures, functions, and views to ensure optimal performance levels.
- Led the creation of complex stored procedures and data extraction utilities using T-SQL, enhancing system efficiency by 25%.
- Implemented dependency injection in .NET Core applications to ensure loose coupling and better testability.
- Achieved advanced proficiency through organizational training in Object-Oriented Programming, .NET 6, C# best practices, SQL Server 2019, and TypeScript/JavaScript.
- Participated in team meetings regularly to align on project goals and progress within the Agile framework.
- Completed essential training on C# 10, .NET 6, Angular 15, Entity Framework Core, LINQ, and Visual Studio 2022.
- Assisted in implementing Docker containers for development environment standardization.
- Gained initial exposure to Azure cloud services through mentored learning sessions.

**Environment:** C# 10, .NET 6, ASP.NET Core, SQL Server 2019, T-SQL, Visual Studio 2022, Angular 15, TypeScript, LINQ, Entity Framework Core, Docker, Azure fundamentals

**Student Assistant - Grader/Tutor | Florida International University | December 2022 - December 2023**

**Responsibilities:**

- Conducted tutoring sessions to clarify Java programming concepts and improve student understanding.
- Evaluated and graded assignments, offering constructive feedback to enhance coding skills.
- Collaborated with course instructors to align tutoring sessions with curriculum standards.

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## **EDUCATION**

**MS in Information Technology | Florida International University, Florida | August 2022 - December 2023**

- GPA: 3.75
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## PROJECTS

### Movie Recommendation System

- Developed a recommendation engine designed to help movie enthusiasts find films they'll enjoy
- Implemented Random Forest and K-means clustering algorithms to improve how the system ranks and suggests movies
- Enhanced prediction accuracy by tuning the model and focusing on key features like viewing history, genres, and ratings
- Utilized data visualization libraries like Matplotlib and Seaborn to showcase user trends and clusters
- **Technologies Used:** Python, .NET 8, C#, Azure Services, Scikit-learn, Pandas, Matplotlib, Seaborn

### Store Management System

- Developed a store management application with core features for inventory control, sales tracking, and customer relationship management (CRM)
- Led a team using the Scrum framework to streamline project tasks and ensure timely delivery
- Created a user-friendly system for efficient store operations
- **Technologies Used:** C#, .NET 7, SQL Server 2022, Entity Framework Core, Angular 16

### Data Visualization Project

- Designed and implemented data visualization techniques for large-scale graphs
- Focused on reducing time complexity and improving the representation of complex data structures
- **Technologies Used:** JavaScript, TypeScript, D3.js, HTML5, CSS3, Bootstrap 5