

ASHRAF QASEM

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SKILLS & PROJECTS

Back End: C#, ASP.NET Core MVC, Web API, SQL Server, Entity Framework, Linq, ADO.NET, OOP, Design Patterns. SOLID principles, DDD

Front End: React, Redux, JavaScript, HTML, CSS, JQuery, Ajax, JSON, XML, JWT, Bootstrap, DataTable, Material UI

Tools & Services: Git, GitHub, Docker, HTTP, REST, SOAP, NLog, Serilog, Seq, Quartz.NET, Swagger, SendGrid, Agile, CI/CD, Unit Testing

Projects: [Portfolio](#), [Project Tracker](#), [Activities Hub](#)

WORK EXPERIENCE

Full-Stack .NET Developer Freelance

A.Qasem Consulting, Remote

2023-Present

- Architected a scalable [Project Tracker](#) solution (**ASP.NET MVC, C# & SQL Serve**), used by teams to plan, manage, assign, report, and streamline project management processes and improve issue tracking efficiency for 100+ users
- Integrated **SendGrid** email delivery platform, with comments notifications features within the [Project Tracker](#) app to keep the team/ clients updated with notifications on issue resolution, streamlined workflows, benefiting 25+ end-users
- Improved **Project Management** solution ([Project Tracker](#)), by designing a secure file upload system for approved file types, which enhanced user experience and compliance, leading to a 40% increase in successful file submissions
- Engineered a robust social media platform [Activities Hub](#) using **React/Redux, ASP.NET Web API, & C#**, facilitating 80% user engagement by integrating chat, photo sharing, and following features
- Revamped [Activities Hub](#) **security** applications, minimizing **hacker attacks**, and achieved a (Security Report Summary) score of A "90%" on <https://securityheaders.com>
- Implemented **CI/CD** pipeline using **GitHub Actions** to automate deployments which decreased manual update by 40%

Full Stack Software Engineer

Micrologic Associates, Parsippany, NJ.

2022– 2023

- Created a **React/Redux** Login component for CarWash app, insured 100% persistence **API** connection using **JWT Token**
- Implemented and published custom **Nuget** package/library MLmonexCCtranslator.dll using **C#.NET** to efficiently process credit payments by constructing a hexadecimal communication package, utilized by over 3+ projects
- Maintained WashSync app **ASP.NET Web API/C# Quartz.NET**, which replicates customers' data across 100+ CarWash locations, helped increase the company profit by syncing data to newly added CarWash locations
- Trained and supported new hires through onboarding sessions, conducted 15+ code reviews that enhanced code quality and led to a 40% reduction in code-related issues
- Integrated a **Twilio SMS** system (**ASP.NET MVC C#**) to verify plan purchases, ensure 100% customer satisfaction
- Solved importing nested Excel files data issue, by coding **C#/ADO.NET**, saved 5+ hours of manual copy and paste

Full-Stack .NET Developer

Publicis Groupe (Publicis Media), New York, NY.

2013 – 2018

- Designed an **ASP.NET MVC/C#** (Dashboard Work Status) app with robust **back-end** capabilities and **front-end UI**, utilized by over 10 analysts daily and eliminated redundant reporting processes, enhancing overall team productivity
- Developed with our agile team a media aggregation solution GLANCE using **ASP.NET MVC/C#**, which collects data (**JSON/XML**) from media providers, reduces reporting time by 50% by consolidating information into a single platform
- Increased site speed by 200% in multi pages **ASP.NET MVC** site by using single page Kendo UI **JavaScript** lib.
- Improved system response time by 60% by analyzing, defining, applying **indexes**, and rewriting long-running **SQL Server Stored Procedures, Functions, and queries** using **SQL profiler**
- Built an **ASP.NET/C#** Release Info App which answers 95% of our clients' inquiries about upcoming releases

Software Engineer - Dotnet

Backlash Solutions LLC, New York, NY.

2012 – 2013

- Coordinated with the manager to implement business logic in **3-tier** solution, to interact with **SQL Server** using **Entity Framework** and updating the database by executing **SQL** commands using **C#/ADO.NET**
- Integrated the **NLog.NET** library to a centralized error logging system, resulting in the resolution of 50+ major bugs
- Created **C#** program to convert **Excel/CSV** files to XML using **Linq to XML**, which reduced dev times by 90%

EDUCATION

MASTER'S DEGREE IN COMPUTER SOFTWARE ENGINEERING

Graduated

UNIVERSITY OF ST. PETERSBURG STATE ELECTROTECHNICAL UNIVERSITY "LETI"