ASHRAF QASEM

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SKILLS & PERSONAL PROJECTS

- **Back End:** C#, ASP.NET Core, MVC, WebAPI, SQL Server, Entity Framework, Linq, ADO.NET, NLog, Serilog, Seq, Quartz.NET, Cloudinary, Swagger, Postman, Fiddler, Dependency injection.
- **Front End:** HTML, CSS, JavaScript, JQuery, Ajax, Bootstrap, DataTable.
- **Web Services:** Git, GitHub, GitKraken, Bitbucket, Docker, JSON, XML, HTTP, RESTful, AppHarbor
- **Personal Projects:** Portfolio, Project Tracker, Activities Hub, Awesome Contact, Movie Land

WORK EXPERIENCE

Senior Full-Stack Software Engineer

Micrologic Associates, Parsippany, NJ.   2022– 2023
- Created and published the MLmonexCCtranslator C#.NET Nuget DLL library to efficiently process credit card payments by constructing a hexadecimal communication package, utilized by over 10 projects.
- Maintained WashSync app ASP.NET 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.
- Integrated a Twilio SMS system (ASP.NET 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 paste
- Utilized ASP NET, MVC, WebAPI, C#, SQL, HTML5, CSS3, JavaScript, Datatable, Seq, & Unity Container IoC.

Full-Stack .NET Developer

Publicis Groupe (Publicis Media), New York, NY.   2013 – 2018
- Architected entire ASP.NET MVC/C# webApp Dashboard Work Status, including Front-End, Back-End & SQL database design, which saved our Business Analytics team 3 hour a day of reporting/cost calculation time
- Developed with our agile team a media solution 'GLANCE' (ASP.NET MVC), which collects data (JSON/XML) from media providers, to cut down 50% of the reporting time, by integrating all media data in one solution
- 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.
- Utilized ASP NET, MVC, WebAPI, C#, SQL, EF, HTML5, CSS3, Bootstrap, JQuery, Nlog, & Castle Windsor IoC.

Software Engineer - Dot Net

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 NLog .NET library to store errors in the database, as a result 50+ major bugs have been solved.
- Created C# program to convert Excel/CSV files to XML using Linq to XML, which reduced dev times by 90%.

Software Developer Intern

St. Petersburg State Electrotechnical University   2011 – 2012
- Designed a robust Voice/Video communication platform as part of Master's Degree Thesis, utilizing C#/SQL Server. System supports real-time interactions for more than 100 users, enhancing collaboration/efficiency.

EDUCATION

University: St. Petersburg State Electrotechnical University "LETI"

Master's Degree: Computer Systems Engineering and Informatics   Graduated