Sausoon Abedian

info@sausoon.com | (747) 229-8169 | Los Angeles, CA | U.S. Citizen | https://www.github.com/SausoonAbedian | https://www.linkedin.com/in/sausoonabedian

Summary

Senior Software Engineer with over 10 years of experience developing high-performance C# applications, specializing in .NET, multi-threading, and SQL Server integration. Optimized real-time systems and backend workflows, reducing runtime by up to 60% and supporting 5,000+ clients. Collaborated across teams to deliver scalable solutions and streamline CI/CD pipelines, earning recognition for problem-solving and efficiency. Passionate about building innovative, data-driven software aligned with organizational goals.

Skills

C#, C++, .NET, .NET Core, SQL Server, Multi-threading, Data Access Layer, Unit Testing (NUnit), Logging, Error Handling, Continuous Integration/Continuous Deployment (CI/CD), Backend Development, Performance Optimization, Real-time Applications, Collaboration, Problem-solving, Workflow Optimization

Experience

Electric Power Group, LLC | Senior Software Engineer

Pasadena, CA, USA | Nov 2019 - Present

- Built C++ core module to process varied data sources, creating a file used team-wide through collaboration.
- Revamped C# application by implementing logging, error handling, reporting, and multi-threading, reducing runtime from 33 ms to 12 ms, enhancing team data insights.
- Developed C# application delivering 30 FPS data to multiple engines with parallel multi-threaded calculations, generating reports and storing data in SQL Server.
- Accelerated C# backend development by 20%, optimizing team workflows through efficient code and collaboration.
- Streamlined continuous release by collaborating with teams, gathering requirements, and resolving issues, enhancing project delivery.

Digitain Holding Limited | Software Engineer

Yerevan, Armenia | Feb 2017 - Sep 2019

- Collaborated on C# team to develop .NET application features, enhancing functionality for 5,000+ clients.
- Implemented SQL Server integration, enabling efficient data storage and retrieval for reports.
- Collaborated with QA to introduce unit testing with NUnit, improving code reliability.
- Collaborated on C# backend team to refactor and enhance the Data Access Layer, improving data retrieval efficiency.
- Resolved 7+ critical bugs under high-pressure deadlines, ensuring 99% system uptime.

Soft Construct | Software Engineer

Yerevan, Armenia | Apr 2015 - Feb 2017

- Developed C# application components, supporting features for 5,000+ users.
- Debugged C# code under senior guidance, resolving 9+ issues to improve system stability.
- Collaborated with team to implement unit tests, enhancing code quality.

Education

- M.S. Computer Science | Islamic Azad University Karaj Branch | Tehran, Iran | 2014