ROBERT SMITH

Software Consultant/ Programmer Analyst

info@qwikresume.com | https://Qwikresume.com

Software Consultant/ Programmer Analyst with extensive experience in software development and SDLC (Software Development Life Cycle). Extensive extensive experience in C/C++/C#.NET and ADO.NET. Experience in client and server side programming using C++. Multi-threading, Inter Process communication and Distributed system programming in C# (XML, Complex Event Processing, Message Queue, Message Pipes and ADO.NET), Docker, Containers. Web services (HttpHandler).

2009 – 2010
SOFTWARE CONSULTANT/ PROGRAMMER ANALYST - ABC CORPORATION

- Was involved in designing and developing the backend from using web servers to backend computation engines that constructed the execution plan for scheduling computations.
- Designed and developed Complex Event Processing (StreamInsight) explicit server for processing Windows Management Instrumentation (WMI) data from nodes of the data center, in C#.
- Designed and developed scheduling algorithms for scheduling computations in large scale distributed systems - Azure Scheduler.
- Designed and developed the heuristic and optimization framework algorithms for the tier splitting decision, in C#.
- Designed and developed Tier Splitting decision engine for processing data from complex event processing engine and Intelligent Memory Agent (IMA) client.
- Used HttpHandler and message pipes for communication from the IMA client to the tier splitting decision engine, in C#.
- Designed and developed scalable infrastructure (multi-threading) for translation bot using MSN protocol, in C#.

2007 – 2009
SOFTWARE CONSULTANT - ABC CORPORATION

- Involved with the full software development life cycle (SDLC) within a SQL Server 2005 environment, including design, development, code upgrades, unit testing, and documentation.
- Developed packages and performed ETL operations utilizing SQL Server Integration Services (SSIS), as well as migrating SQL Server 2000/DTS packages to SQL Server 2005/SQL Server Integration Services (SSIS) packages.
- Developed data warehouses and cubes using WhereScape Red and SQL Server Analysis Services (SSAS).
- Developed and delivered dynamic reporting solutions employing SQL Server Reporting Services (SSRS).

- Design and develop modifications to the Microsoft Dynamics Axapta applications and modules.
- Develop and test Microsoft Dynamics Axapta customizations/enhancements.
- Proficient use of Microsoft Dynamics Axapta language X++ (a language similar to that of C# and Java) Served as Project Manager for a small team on Microsoft Dynamics Axapta project.

EDUCATION

Master of Science in Computer Science and Engineering - 2005 (Penn State University - University Park, PA)

SKILLS

Web Development, Android, MySQL, C#, JIRA, TFS, Automated Builds, Web Design