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Skills

- Highly skilled in numerous IT fields
- Managed external resource teams including software development and server administration
- Successfully managed medium sized project teams
- Experience managing offshore development resources
- Twelve years experience in full software development lifecycle; acted as lead developer on numerous software projects by guiding technology and designing coding requirements; managed team of software developer in the enterprise environment
- Extensive experience developing system and database architectures
- Superior ability to research and absorb new and complex technologies
- Experience functioning in the Business Analyst role interviewing clients and gathering requirements
- Skilled in requirement writing, designing technical specifications and use-case design
- Highly motivated and team oriented, mentored less senior team members
- Developing and reviewing RFX's for technological and procurement purposes
- Familiar with open source development technology

Education

Master's Information Systems – University of Denver - 08/2009

- Software Process Improvement
- Organizational Leadership
- Software Architecture - Design Patterns
- SQL Server Database Architecture and Performance Improvement

Bachelor's of Science, Computer Science – State University of New York, College at Brockport – 12/1998

- Software Engineering
- Software Programming
- Algorithm Analysis

Certification

- Certified Scrum Master

Experience

Independent Software Consultant – 4/2010 – Present

- Developed scalable .Net applications using the .Net framework 2.0 to 4.0
- Leverage current web development best practices
- Use of javascript and jquery to development interactive websites
- Developed RESTful webservices for website consumption
- Leverage css and develop cross browser solutions
- Database migration projects
- Android mobile/tablet applications
- FedEx and USPS shipping integration
- PayPal and FirstData payment gateway solutions
- Content Management System (CMS) integration and maintenance

Manager of Custom Application Development – City and County of Denver - 4/2010 – 10/2010

Responsibilities

- Manage a team of 10+ developers for multiple concurrent enterprise projects
- Led multiple process improvement initiatives including development best practices
- Led implementation of Scrum within application development projects
- Functioned as Product Owner on multiple development projects
- Responsible for performance reviews of development team
- Function as technical expert on application development
- Function as liaison across multiple departments and agencies
- Helped director maintain budget for enterprise solutions on a yearly basis
- Responsible for maintaining staff levels
- Mentored software developers on transition to Visual Studio 2010 and .Net 4.0
- Implemented Team Foundation Server for the Scrum process

Web Architect / Consultant – Simbionix USA – 1/2009 – Present

Responsibilities

- Led conversion from .NET 1.1 to .NET 3.5
- Led software process improvement initiatives
- Develop system architecture for Learning Management Software (LMS) using C#, ASP.NET and the .NET 3.5 Framework
- Implemented jquery for validation and verification
- Used WCF for use with Ajax technology
- Built Restful webservice within WCF
- Develop LMS with SCORM 2004 complaint features
- Develop complex schemas and data access techniques using SQL Server (2000, 2005 and 2008)
- Develop Flex AS3 integration to .NET middle tier using AMF and FluorineFx
- Develop and present technical information and development options to Senior Management
- Develop the Entity Relationship Model
- Develop technical specifications using UML standards
- Maintain and manage configuration management using Subversion
- Manage and support application releases across numerous clients
- Apply best practices to existing and new application development
- Apply strong Object Oriented concepts and Design Patterns to new application development
- Implemented Test Driven Development (TDD) using NUnit
- Research and develop technical and software requirements from Client Stakeholders
- Extensive travel to Israel for ongoing project development and technical leadership

Senior Technical Lead – 50 Degrees Corporation – 1/2008 – 2/2009

Responsibilities

- Oversee all aspects of information technology.
- Led development team and mentor junior developers.
- Implement large scale process improvement initiative
- Interview potential new IT resources.
- Interview potential vendors for IT related projects.
- Manage third party resources, including offshore development staff.
- Architect open source solutions for information technology using Linux, Apache, mySql and PHP
- Use time-boxed release cycles and the Unified Process for managing new development.
- Create project plans for major releases and new features.
- Use object-oriented design patterns for new development.
- Function as configuration manager for all code

Senior Consultant – Idea Integration – 11/2007 – 2/2008

Responsibilities

- Use Visual Studio 2005 to program in advanced OO C#.
- Use Enterprise Management Studio to develop complex T-SQL stored procedures, functions and database schemes.

Senior Systems/Analyst Programmer – CH2M HILL 4/2002 – 11/2007

Responsibilities

- Lead Developer on numerous projects of 2-4 developers; liaison across multiple disciplines including database, user education, quality assurance and graphic design
- Mentor developers on .NET projects
- Responsible for creating technical specification documents, use case designs and business requirements on numerous projects for development team and quality assurance following MSF guidelines
- Led technology discovery meetings; assigned to discover new technology and how it could be used to benefit our new and existing applications
- Participated on developing best practices for coding standards, peer reviews, and project audits
- Participated and lead architecture review meetings in regard to existing and new projects to senior management of the IT department
- Took part in new contract interview process developing technical questions and performing technical assessments
- Strong object oriented approach to system design. Focus on code and object reuse
- Develop new and improve current financial, HR, payroll, and project delivery intranet web applications using C# and VB.NET in the 1.1 and 2.0 framework
- Advanced coding techniques including dynamic assembly loading, reflection, custom HTTP modules and handlers, custom attributes and generic class design
- Heavy use of xml in projects including xsl translations, xsd schemas for xml integrity and XPath for document querying
- Created database schemas for use within new projects, this includes small to medium sized databases including stored procedures, tables, functions, triggers, indexes and DTS packages
- Used SQL Server Business Intelligence Development Studio to migrate data from a Notes flat database to SQL Server 2005 to leverage the improvements to the full-text searching of 2005
- Used third party suite of tools for application development, including infragistics grid controls and Telerik's RAD control
- Microsoft Dynamics. Exposure to CRM 3.0/4.0

Interface Developer – Tactical Marketing Ventures 10/2001 – 12/2001

Responsibilities

- Create and modify Visual Basic ActiveX Controls
- Develop User Interface for use on Windows 2000 and Windows XP using VB 6.0 for a n-tiered architecture
- Design object oriented components for business and data layer
- Technical writing including code documentation, specification writing and business requirements

Software Team Lead – Agrilink Foods 10/2000 – 10/2001

Responsibilities

- Programming Team Lead
- Design object oriented components for business and data layer
- Involved in database change/design discussions
- Created and executed optimization plan to increase overall speed of application
- Participated and lead architecture discussions for new system functionality
- Technical writing including code documentation, specification writing and business requirements
- In heavy contact with clients to develop use cases for correct system design
- Trained new developers on coding standards and overall system overview
- Responsible for team meeting monthly build deadlines

Business System Analyst – Eastman Kodak 9/1998 – 10/2000

Responsibilities

- Developed COM business components for use in MTS 2.0 to actively communicate with Oracle 7.3.4 using SQL PL/I and ADO 2.1 as well as re-usable COM components to manipulate spectroscopy mathematical algorithms using both Visual C++ 6.0 and Visual Basic 6.0.
- Develop central error logging mechanism to maintain a running list of all application generated errors.
- Implement user interface for application using Visual Basic 6.0.
- Develop Driver for Spectrometer Instrument using Visual C++ and MFC
- Development of read only Web piece of application
- Design object oriented components for business and data layer
- Participated and lead architecture discussions for new system functionality
- Development of software using Level 3 Capability Maturity Model standards including, but not limited to, application management, software development and peer review processes.
- Technical writing including code documentation, specification writing and business requirements
- In heavy contact with clients to develop use cases for correct system design
- On a weekly rotation of 24x7 first line support of production critical application. Many clients need 20-minute turn-around time for response. Clients must be coached on any application specific question.
- Deployed application in numerous sites

Software Developer – MTC – 1/1998 – 8/1998

Responsibilities

- Computer programming in part fabrication using C and C++ programming languages
- Programmed and developed small tasks within the suite of software applications
- Participated in discussions for improvement in software applications
- Involved in heavy testing of the software.
- Fixed bugs within the software.