Joshua Morgan

Mooresville, NC 28115

Contact

310-557-6570
mr@joshuamorgan.com
www.JoshuaMorgan.com

Objective

To obtain a challenging position that will allow me to take on responsibility within a team, expand my technical expertise in software development and architecture, and utilize my leadership skills.

Key Skills

Proficient with an array of programming languages, concepts and technologies, including:

.NET Framework	Requirements Analysis	OOP / OOD	Software Architecture
WCF	T-SQL	Team Leadership	DHTML
ASP.NET / C# / VB.NET	Design & Modelling	Agile Practices	Quality Assurance

Technical Knowledge

Software Development

✓ **Database**: Microsoft SQL Server 7 – 2016, Azure SQL, Azure Storage, Microsoft Access, Data Modeling and database design using normalization, stored procedures, triggers, and views; Data optimization with indexes, schema and query refactoring, profiling, database partitioning and data redundancy.

✓ **Proficient in**: Software Architecture, Software Design and Modeling, Azure Services, Microsoft .NET 1.x to 4.6, Visual Basic.NET, C#, ASP.NET, Microsoft, ADO 2.x & ADO.NET, Transact-SQL(T-SQL), XML, SOAP Web Services, WCF, WCF Security, LINQ, Entity Framework, Third-Party Windows and Web Controls, DHTML, CSS, Telerik Controls, Unit Testing, UML, Microsoft Visio, Microsoft Project, SalesForce Visual Force, Apex, and SOQL/SOSL, SQL Server Integration Services

✓ **Familiar with**: Microsoft Visual C++.NET, Visual Basic 6.0, VBScript, Classic ASP, Java, JavaScript, JQuery, PCI DSS, regulatory compliance, SQL Server Reporting Services and Analysis Services, Bootstrap

✓ **Architecture**: Tiered systems, OOP, OOD, SOA, Enterprise Architecture, Client/Server, MVC, MVP, SDLC Processes & Documentation

✓ **Development Methodologies**: Waterfall, XP, SCRUM, TDD

✓ **Developer Environments**: Microsoft Visual Studio 6.0 to 2015, Eclipse, Seapine Surround SCM, Team Foundation Server

Network Infrastructure

✓ **Operating Systems**: Windows 7 - 10, and legacy Microsoft operating systems. Windows 2000 – 2016 server family.

✓ **Hardware**: Experience with PC compatible hardware since the early nineties (work stations and server) including printers, RAID systems, and other peripherals. Network firewalls, routers, and switches. Network horizontal cabling, punch downs and EIA/TIA standards.

✓ **Apps & Platforms**: Windows IIS, Microsoft Exchange, Microsoft Office Suite, Microsoft SQL Server, Web browser technologies

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Work Experience

Developer/Solution Provider (Contract)   March 2015 - Present

ChenMed, LLC

- ✓ Salesforce custom design and development utilizing Apex controllers, triggers and scheduled processes.
- ✓ Provided best-practice frontend development on Salesforce platform using Visual Force, JQuery, and JavaScript.
- ✓ Designed ongoing data cleansing solution for Salesforce data model applying CRMfusion toolset.
- ✓ Provided data management and manipulation of Salesforce data using SSIS and CozyRoc components, as well as, SOQL and SOSL
- ✓ Created ad-hoc reporting and data mining using T-SQL on a Microsoft SQL Server 2016 platform
- ✓ Designed and implemented integration solutions between Salesforce and various third-party applications, i.e. Formstack, Drupal, etc.
- ✓ Designed and implemented an ASP.NET MVC (C#) azure portal application that integrates with Salesforce REST API data in real-time to support external partners. Azure technologies used: App Service, SQL Database, Table Storage, AD B2C.
- ✓ Productively worked with Salesforce Administrators to implement complex processes using Workflow, Process Builder, Visual Flows, Validation Rules, and custom components to meet requirements.
- ✓ Conducted a system-wide overhaul of automated unit tests to increase overall software quality.

Solution Architect (Contract)   June 2013 – February 2015

Beers Enterprises, Inc. (dba The Switch)

- ✓ Helped architect and validate design team deliverables for a data hub system that consolidates and standardizes data between companywide disparate systems.
- ✓ Exercised thoughtful analysis to design a data mapping scheme to orchestrate integration processes between numerous LOB systems.
- ✓ Planned data high availability between on-premise and cloud instance of Microsoft SQL Server utilizing AlwaysOn and Windows Azure
- ✓ Designed and implemented migration processes utilizing T-SQL and SSIS to effectively migrate data from legacy and integrated systems into new data model
- ✓ Worked with business and technical stakeholders to validate requirement and design artifacts prior to project implementation

Software Developer   June 2010 – June 2013

BillingTree

- ✓ Collaborated with Business Analysts to construct domain focused, technical solutions to integrate ACH and credit card processing applications with existing processes
- ✓ Architected and developed a highly customizable electronic payment portal application to ease consumer and merchant payment integration.
- ✓ Maintained 200,000+ line, tiered ACH application encompassing all areas of SDLC
- ✓ Designed and implemented a load balanced batch file transaction import engine that securely automated file integrations with customers over secured FTP
- ✓ Architected a secure, interoperable web service API utilizing WCF used for partner integrations
- ✓ Designed an advance recurring payment processing engine
- ✓ Refactored and optimized core system processes to achieve a 1000% increase in transaction throughput
- ✓ Effectively worked with Salesforce administrators to optimize business processes through Salesforce CRM customization with Visualforce, Apex code, and SOQL using Eclipse
- ✓ Received Leadership Award in July 2011 for my commitment to project milestones and quality deliverables

Developer (Contract)   September 2009 – June 2010

LMA Resources

- ✓ Designed and developed in-house application handling customer resource management, staff productivity tracking, and order fulfillment.
- ✓ Worked well with non-technical business stakeholders to understand, filter, and implement the most cost effective requirements while maintaining cost and scheduling projections

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Work Experience *continued*

- ✓ Worked extensively to ensure that development would require minimum support due to the outsourced support capabilities of the company

Lead Developer   **November 2006 – July 2009**

Alliance Payment Technologies, Inc.

- ✓ Successfully supported an extensive tiered ACH financial processing platform
- ✓ Co-architect of system migration to Microsoft .NET 3.5, WCF, and C#
- ✓ Worked effectively with clients and company stakeholders to handle bug tracking and resolution, resolve performance issues involving complex business processes handling millions of records, and new feature design and implementation
- ✓ Efficiently worked as Lead Programmer to bring synergy to a solution oriented team environment to offer end users a robust, stable, and productive product
- ✓ Consistently worked with development staff to create and uphold organizational design patterns, coding standards, and best practices
- ✓ Received a promotion from Programmer to Lead Developer for my commitment to maintaining quality development and peer support

Network Administrator   **July 2006 – November 2006**

Laclede, Inc.

- ✓ Maintained and configured WAN/LAN network operation in an extensive Cisco, Windows, and Lotus Domino environment

Network Manager   **January 2003 – July 2006**

Manzo, Morgan, & Associates, Inc.

- ✓ Maintained network security and Administration for internal users and VPN clients utilizing Cisco IOS Routers and Firewalls while maintaining Microsoft Windows mail and file servers
- ✓ Developed an intranet ASP.NET application to support sales workflow and job management for field agents
- ✓ Developed a COM+ component that integrated an in-house application with Microsoft CRM 2.1

Supervising Network Engineer   **August 2000 – January 2003**

Worldwide Solutions

- ✓ Successfully managed six field technicians, provided second level support, and oversaw workload and job scheduling while increasing customer experience quality by providing excellent service to customers
- ✓ Personally designed, implemented, and maintained many types of systems, network operating systems, and LAN/WAN technologies, including Windows 2000/NT, Netware 3.12 - 5.1, MS Exchange, Cisco IOS/PIX and many types vendor specific hardware equipment.

Network Engineer   **February 1998 – August 2000**

Tripole MicroAge

- ✓ Performed installations, upgrades, and support for numerous customers of VAR business as Lead engineer on nationwide Novell Netware 4.11 rollout
- ✓ Provided technicians with second level on site and phone support

Regional System Operator   **June 1995 – February 1998**

Apria Healthcare

- ✓ Provided phone and user support for 10 branches throughout Southern California
- ✓ System and network administration of over 450 nodes consisting of AS/400 and Novell Netware clients

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Education

Pennsylvania State University	2014 – 2016
Master of Software Engineering	
Capella University	2010- 2014
Bachelor of Science - Information Technology	
Concentration: Software Architecture	
Golden West College	2001-2003
Concentration: Computer Science and Information Technology	
Computer Learning Center	1995
700 hour program that included Novell, OS/MVS JCL Operations, AS/400 Operations, UNIX Administration, and Business Communications	

Certifications

CompTIA	Network+ Certified Network Technician	2001/ 2012
CompTIA	A+ Certified Computer Technician	2001 / 2012
Cisco	Cisco Certified Network Associate, CCNA	2002
CompTIA	I-Net+ Certified Internetwork Professional	2001