JEFFRY F. MASCHLER

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SOLUTION DEVELOPER/INTEGRATOR with diverse design and administration experience seeking local career opportunities. Accomplished dashboard, data collection and process automation developer. Highly technical, trainable, detail oriented Team Leader with a focus on implementation excellence. Tactful and helpful mentor. Works closely with stakeholders to achieve first pass success. Versed in Windows, unix/linux, and virtual environments. Proven analytical and problem solving abilities in a fast paced, technically complex environment. Experienced in managing agile and waterfall approaches. Working knowledge of ISO9000 and ITIL standards.

Active Secret Security clearance granted 3/09.
Security+ (DOD 8570) certification 3/10 Candidate ID SR6416481.

Areas of Expertise

C#, asp .net, perl, php, sql, xml, json, ajax, jquery, Jira, svn, git, Fiddler, Screenster, dev express, ORM, mvc, ef, OLAP, ETL, UML etc. / Process Automation and Monitoring / Multi-tier Virtualized Architectures / Data Collection and Reporting / Data Modeling & Mining / Troubleshooting / SDLC / Integration and Testing, Visual Studio 2010-2017, SqlServer, Oracle

Career Experience Highlights

KBRWyle (formerly Honeywell Technology Solutions Inc.) Virtual .NET Developer Oct '13-

- Architected and implemented web front end for FAA's ADS-B Performance Monitor using asp.net c#/devExpress, Screenster, Fiddler, OWASP ZAP with a big data Oracle back-end.

Ft Carson Mtn Post IT Support Ft Carson Level 3 Support Engineer Jul '13 - Oct '13

- Performed level 3 support duties as required – troubleshooting, documentation, software builds, AD administration, patch distribution automation, etc.

Dynamic Database Design (Comcast) Denver LAMP Developer Mar '13 - Jul '13

- Developed an automated SOA audit tool for HPNA using Opsware perl api, perl, php, twig, symfony, mysql, jquery, ajax, javascript, JSON, eclipse, and netbeans to enhance audit automation and prevent network outages due to misconfiguration.

PatentBooks Intl LLC   C. Springs   Solutions Developer   Jan '13 – Mar '13

- Developed a .net business application for a local startup using asp.net 4.5, c#, mvc 4, ef5, SS2012, azure, TFS, razor views, ss views and stored procedures, TFS 2012, ajax, jquery to prototype initial functionality for use in marketing and startup funding.

Premiere Global Inc. C. Springs Prod Billing Support Mgr   Jan '12-Oct '12

- Developed production dashboards for real-time process status using Visual Studio 2010, SS2008R2 (views, triggers, stored procedures), Excel, asp.net, c# and xml to provide quick at a glance process monitoring with universal viewing. Integrated statistical alerting into raw data collection.
- Developed VBA automation tools in MS Office to discover data collection anomalies and automate month-end reporting. Documented all production processes and trained backup personnel.
- Developed a manual validation process using perl on centos to correlate raw data entries to processed data.
- Collaborated with database and process designers on .net process application technical development.
- Converted custom database reporting tools to SAP BI self-service reporting.
- Tuned ETL and automated batch processing for maximum performance.

TAEUS International C. Springs Consultant/SME   Jun '11 – Jan '12

- Researched, analyzed and reverse engineered production software to determine patent infringement.

Serco-NA   C. Springs   Application Engineering Lead   Jul '10 - May '11

- Team Leader and ScrumMaster for a team of 6 developers to reverse engineer and convert a Remedy workflow application to c#/.NET, SS2008R2, Fortify, TFS, Mercurial, VS2010, Remedy 6.2, asp.net, xml, and c# to enable an enterprise wide tech refresh.
- Created seamless STIG compliant custom environments - comprehensive, robust, reusable software environments for rapid design, development, testing, training and deployment using Visual Studio 2008 Team Foundation Server, Windows Server 2003/08 R2, SQL Server. 2005/08R2, and VMware. SS2008R2, Fortify, TFS, VS2010, Remedy 6.2, asp.net, and c# to provide improved productivity in a controlled environment ensuring first-pass success.

McNeil Technologies C. Springs DBA/Developer/Team Lead Feb '09 - Apr '10

- As DBA, tuned ss2000/ss2008r2 applications and procedures for optimum performance.
- As Developer, integrated MS graphics extensions for multi-tier .NET applications to achieve information visualization for daily summary reports using Visual Studio 2005, graphics tool api, asp.net, ajax, and c# to quickly implement ITILs reporting requirements at minimal cost.
- As Developer, converted several VB .asp applications to c# .NET using Visual Studio 2005, asp.net, Remedy 6.3, vb, and c# to significantly improve performance, standardize implementation, and reduce costly hardware upgrades.
- As Developer, reverse engineered an SSBI application and migrated to a custom OLAP web application using perl, php, zgrep, and the Google maps API.
- As Team Lead, established and managed development environments implementing VMware and encompassing multiple server OSs (redhat, WS 2003, 2008R2), IIS (5.1, 6.0, 7.0), Remedy versions (6.3, 7.1, 7.5) and databases (Oracle 10, MySQL 5, SQLServer 2000, 2005, 2008), Visual Studio 2005, asp.net, VMWare esx 3.x, xml, and c# to provide quick-turnaround for a variety of engineering needs

Intel Corp & Marvell Technologies C. Springs Sr CAD Support Nov '00 - Feb '09

- Owned custom mixed signal design environments. Developed automation flows using object perl and OTS design tools. Managed version control, collaboration tools (Sharepoint and phpwiki), production releases and documentation processes.
- Integrated power analysis and simulation tools into custom design automation flows.
- Troubleshot, maintained and trained users on efficient design automation environments for mixed signal designs for use in 2-3G cellphones. Won a Division award for superior support for over 100 engineers in 4 geographically dispersed locations. Migrated Division redhat environment to suse.

Ford Microelectronics, Inc   C. Springs   Systems Engineer   Oct '91 - Nov '00

- Designed and developed OLAP SPC data warehouse and dashboards using perl cgi, php, Oracle, oraperl and SAS.
- Designed and developed timecard entry application using Java, Swing, javascript.
- Managed data center assets including HPUX, VAX, PCs, SLS, and CISCO networking. DBA for Oracle and SAS. Trained users on computing environment.
- Designed, implemented and maintained automated data collection systems on a variety of manufacturing equipment.

Dysan Corp (1984-1985) Process Engineer, Texas Instruments (1985-1991) Logistics Engineer

Personal endeavors

- Mentor and Co-founder of Rocky Mountain FIRST Robotics program using standard agile business practices to introduce high-school students to a unique perspective in real-world, high-technology, business management.
- Developed a comprehensive BASIC programming curriculum and taught a course at a local University where the final project was a standard Blackjack program using BASIC.
- Developed several websites for small businesses and local organizations using HTML, css, php, asp.net, c#, xml, jquery, javascript, ajax
- Built a comprehensive low-cost MRP and reporting system for a local private manufacturing company.

- Co-authored reverse engineering on DoubleSpace IP using x86 Assembler, Stacker to demonstrate patent infringement resulting in Microsoft acquisition of Stacker.

Education
MSCS - DATABASE DESIGN, UNIVERSITY OF COLORADO AT COLORADO SPRINGS
BSEE - DIGITAL DESIGN, UNIVERSITY OF KANSAS, LAWRENCE, KS
AA – BUSINESS, JCCC, OVERLAND PARK, KS

REFERENCES ARE AVAILABLE AT HTTP://LINKEDIN.COM/IN/JMASCHLE AND UPON REQUEST