JESSE FLORIG

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SOFTWARE ENGINEER

SUMMARY OF QUALIFICATIONS

- **Object oriented programming** - over 10 years of experience with languages including C#, Java, Python, and VB
- **Relational database administration** - over seven years of experience with MySQL & SQLite
- **Business process analysis and improvement** - experience working with stakeholders to adapt technology and business processes, improving overall process efficiency
- **Proven leadership in small team settings** - lead team of five developers in an agile environment
- **Prior military service** - served eight years honorably in the U.S. Air Force
- **Active security clearance** - TS/SCI, periodic reinvestigation completed June, 2011

TECHNOLOGY PORTFOLIO

Languages: ASP, C++, C#, CSS, HTML, Java, JavaScript, KML, LINQ, Objective C, PHP, Python, VB

Frameworks: Angular JS, cakePHP, jQuery, jQuery UI, KnockoutJS, .NET, Node JS, Underscore JS, Twitter Bootstrap

Databases: ADO, DAO, Mongo DB, MySQL, SQLite, SQL Server, Oracle

IDEs: Eclipse, SQL Management Studio, Sublime Text, Visual Studio, Xamarian, XCode

Source Control: Git, Team Foundation Server

Operating Systems: Linux, Unix, iOS, Mac OS, Windows

PROFESSIONAL EXPERIENCE

SENIOR ENGINEER   2013 to Present

GRA Research, LLC, Washington, DC

Senior engineer responsible for agile software and web development.

- Developed and maintained brand websites for Global Risk Advisors, TDA Solutions, and Mark 41
- Developed secure web portal for executive clients allowing mobile access to sensitive documents

SYSTEMS SOFTWARE ENGINEER   2011 to 2013

International Business Machines, Arlington, VA & Kabul, Afghanistan

Lead Software Engineer responsible for building and maintaining software systems providing decision support for U.S. Forces - Afghanistan and Intelligence, Reconnaissance, Surveillance Task Force using a wide range of web technologies.

- Developed a web-based survey to collect data from all levels of U.S. Forces – Afghanistan
- Developed an online dashboard to present analytic findings to United States decision makers
- Developed Counter-IED Assistance Force Team (CIAT) Portal requirements to assist Counter IED Teams across the Combined Joint Operating Area – Afghanistan (CJOA-A) to facilitate theater-wide situational awareness
- Maintained Intelligence, Surveillance, and Reconnaissance (ISR) Central website to provide the physical disposition and technical capabilities of ISR Assets throughout Afghanistan
- Developed and maintained custom Microsoft Office and Python tools for data ripping, parsing, and cleaning

SYSTEMS SOFTWARE ENGINEER   2007 to 2011

White House Communications Agency, Washington, DC

Senior Technology Professional responsible for all phases of the software development lifecycle, building and maintaining the software systems that support Presidential operations using ASP.Net, Microsoft SQL Server, and Microsoft SharePoint.

- Guaranteed high-availability of Presidential information systems by implementing and testing the disaster recovery capabilities for all core software systems – ensured failover to secondary data center in less than 30 minutes
- Developed the first web based mission planning and tracking system for Presidential Airlift Group ensuring integrity of data and increased communication for all Presidential air travel missions
- Integrated AJAX across Knowledge Management applications, improving performance and front-end user experience
- Designed and implemented custom process workflow templates into Team Foundation Server environment increasing overall speed and efficiency of existing agile development process

SYSTEMS TEST ANALYST   2004 to 2007

United States Air Force, 552d Computer Systems Squadron, Tinker AFB, OK

Senior Test Analyst responsible for planning and execution of systems testing in support of the Airborne Warning and Control Systems (AWACS) mission.

- Verified largest database modification in AWACS history that updated the location of 1,400 radar sensors
- Verified time-sensitive critical database updates for Operation NOBLE EAGLE missions protecting Air Force One
- Pioneered automated regression testing, reduced weeks of testing down to a couple hours

EDUCATION AND PROFESSIONAL DEVELOPMENT

- CompTIA Security+ Certified - January 2011
- Air Force upgrade training - Software Engineer
- Airman Leadership School