JESSE FLORIG

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SOFTWARE ENGINEER + WEB DEVELOPER

SUMMARY OF QUALIFICATIONS

- **Full Stack developer** – over 10 years of client, server, database, API, and UX development experience
- **Cross-platform developer** – experience developing software solutions that are interoperable across many platforms
- **Open source developer** – active contributor to the open-source software community
- **Business process improvement** - experience working with stakeholders to adapt technology and processes to improve efficiency
- **Proven leadership** – experience leading small teams of developers and designers in an agile software lifecycle
- **Prior military service** - served eight years honorably in the U.S. Air Force as a Computer Systems Programmer
- **Active security clearance** - TS/SCI, periodic reinvestigation completed June, 2011

TECHNOLOGY PORTFOLIO

Languages: ASP, CoffeeScript, C#, CSS, HTML, Java, JavaScript, LINQ, Objective C, PHP, Python, Stylus, Swift, VisualBasic, XML

Frameworks: Angular, Bootstrap, cakePHP, Express, jQuery, Knockout, Meteor, .NET, Node, Underscore, Typekit, Wordpress

Databases: ActiveX Data Objects, Data Access Objects, MongoDB, MySQL, Open Database Connectivity, SQLite, SQL Server, Oracle

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

PROFESSIONAL EXPERIENCE

SENIOR ENGINEER   2013 to Present

Global Risk Advisors, Washington, DC

Senior engineer responsible for designing and implementing internal enterprise applications and developing client solutions

- Implemented enterprise software solutions for internal collaboration between 50+ users, geographically dispersed
- Established internal branding guidelines and coding standards for graphic design and software development teams
- Developed secure web portal for executive clients allowing remote access to intelligence briefs and sensitive documents
- Developed and maintained public website for Global Risk Advisors, ensuring high-availability through Amazon Web Services (AWS)

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 for National Atlantic Treaty Organization (NATO)
- 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 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 enterprise Knowledge Management applications, improving performance and 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