JESSE FLORIG

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SOFTWARE ENGINEER

SUMMARY OF QUALIFICATIONS

- **Full stack developer** – 13+ years of client, server, database, and API development
- **Web technology enthusiast** – active consumer and contributor to modern open-source projects
- **Proven leadership** – experience leading teams in an agile software lifecycle
- **Prior military service** – served 8 years honorably in the United States Air Force
- **Active security clearance** – TS/SCI, periodic reinvestigation completed June, 2017
- **Counter-Intelligence polygraph** – CI poly completed September, 2017. Full-Scope poly suitable.

PROFESSIONAL EXPERIENCE

SENIOR SOFTWARE SUBJECT MATTER EXPERT   AUG 2015 to Present
Novetta, Fort Washington, MD, *& Arlington, VA*
- Developed enterprise application in support of Counterterrorism Division, Federal Bureau of Investigation (FBI) using Node, Babel, Webpack, Angular 2, SASS, MongoDB
- Developed big-data web application in support of Air Force Information System Security Office (ISSO) using Django, AngularJS, D3, Stylus, PostgreSQL, ElasticSearch, MapLarge, and Leaflet
- Developed facial detection and recognition rapid prototype for internal R&D project using Node, Meteor, D3, MongoDB, Python, and OpenCV
- Lead division-wide effort to integrate ReactJS and GraphQL into existing products

PRINCIPAL SOFTWARE ENGINEER   NOV 2013 to AUG 2015
Global Risk Advisors, *Washington, DC*
- Developed secure web portal for executive clients allowing remote access to intelligence briefs and sensitive documents using PHP, HTML, JavaScript, CSS, and MySQL
- Developed and maintained brand websites, ensuring high-availability through Amazon Web Services (AWS)
- Developed interactive info graphics using JavaScript, D3
- Created company-wide style guide for digital and print publications

LEAD SOFTWARE ENGINEER   NOV 2011 to NOV 2013
International Business Machines, *Pentagon, Washington, DC & ISAF HQ, Kabul, Afghanistan*
- Designed and developed Intelligence, Surveillance, and Reconnaissance (ISR) data mart aggregating data from multiple DoD sources in support of Office of the Undersecretary of Defense for Intelligence (OUSDI)
- Rapidly developed and deployed web applications to collect survey data from U.S. Forces – Afghanistan and present analytic findings to senior United States decision makers
- Developed and maintained custom Microsoft Office and Python tools for data ETL, KML parsing and generation

SYSTEMS SOFTWARE ENGINEER   MAR 2004 to NOV 2011
United States Air Force, *Tinker AFB, OK & White House Communications Agency, Washington, DC*
- Guaranteed high-availability of Presidential information systems by implementing and testing disaster recovery capabilities for all core software systems
- Developed the first web based mission planning and tracking system for Presidential Airlift Group (PAG) ensuring integrity of data and increased communication for all Presidential air travel missions using ASP .NET, C#, HTML, JavaScript, CSS, and MySQL
- Pioneered automated regression testing for the 552d Communications Squadron supporting the Airborne Warning and Control System (AWACS) platform