Jeffrey Allen

Software Engineer/Cloud Application Consultant
Active Secret Security Clearance

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Professional Summary:

Software Engineer with experience in object-oriented programming, full-stack web development, and agile methodologies. I architect solutions upon all major cloud computing services, including Amazon Web Services, Google Cloud Platform, and Microsoft Azure.

Skills:

Proficient Languages: Java, C++, HTML5/CSS3, JavaScript, SQL, PHP
Conversational Languages: Python, C/C#, Objective-C, Swift
Tools: Eclipse, IntelliJ, Visual Studio, jQuery, Bootstrap, VSCode, Netbeans, Android Studio, Vim, Sublime, Django, Symfony, PHPUnit, Twilio, Amazon & Google API's, Java Swing, NASA WorldWind
Project Management Tools: JIRA, VSTS, TFS (Git Version Control), Jenkins
Operating Systems: Linux (Redhat, Amazon's Linux, Debian 9), Mac OS X, Windows (XP, 7, 8, 10)

Professional Experience (Side project information available upon request):

Software Engineer at Northrop Grumman Corporation (*Apr 2019 - Present*)
- Participate in project planning, sprint planning, daily standups, sprint reviews, and sprint retros
- Collaborate with government customers to translate requirements into working features/products
- Design graphical user interfaces using Java Swing
- Raise unit test coverage of source code above 60% 4 months ahead of schedule
- Leverage Jenkins to build, test, and deploy official releases of software products

Software Developer at Nobletech Solutions Inc. (*Jan 2018 - Apr 2019*)
- Implement email system, authentication system, and introduce AJAX techniques
- Upgrade application from PHP 5.6 to 7.1 while maintaining passing unit tests
- Architect web application infrastructure on Microsoft Azure cloud platform
- Create visualization charts using the Google Charts JavaScript API

Software Engineer at Canvas Inc./Lojix (*Oct 2016 - Jan 2018*)
- Write technical documentation and software process frameworks in an agile environment
- Teach interns how to build a website using a LAMP stack in one summer
- Create interactive financial graphs using the Google Charts JavaScript API

Web Application Developer at Simon Solutions (*Jan 2014 - Oct 2016*)
- Implement the Scrum Agile software development method with a team of 4 developers
- Automate code deployment process using Amazon Web Services
- Collaborate with certified amazon engineer to reduce monthly operation costs by over $1,000

Research Assistant at University of Houston, under Dr. Ioannis Pavlidis (*May 2013 - Aug 2013*)
- Manage a project funded by the National Science Foundation
- Design and create an iPhone application that controls an embedded system via bluetooth
- Design and create an embedded system module for the Arduino microcontroller

Education/Certifications:
- ★ Security+, CompTIA (*Jul 2020*)
- ★ Amazon Developer & Solutions Architect, Amazon (*Sept 2018*)
- ★ Professional Scrum Master I, Scrum.org (*Nov 2017*)
- ★ M.S. Software Engineering; GPA 3.9 The University of Alabama in Huntsville (*In Progress*)
- ★ B.S. Computer Science; Minor: Math, GPA 3.19, University of North Alabama (*May 2015*)