**Warren « Scott » Rogers**

**Software Engineer**

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Expertise

# Technologies

Agile, Scrum, Git, Subversion, XML, SOAP, REST, SQL, JIRA, Hudson/Jenkins, Crucible, AWS, LDAP, Nexus

# Languages

Bash, JAVA, Python, JavaScript

# Libraries

ExtJS, Angular.io, TypeScript, Spring, iBatis, Hibernate, Jersey, Jasig CAS, GeoServer

**Education**

## B.S. Computer Information Science, 2006-2010

Missouri Southern State University. Joplin. Missouri.

## Minor Professional Writing and Technical Documentation, 2006-2010

Missouri Southern State University. Joplin. Missouri.

**Employment experience**

Software Engineer, April 2010 - Present

Accenture PLC

* An experienced Agile Full Stack Java Software Engineer at with a working history in Software Development Life Cycle (SDLC) within the services industry.
* Skilled in RESTful APIs built with Java and Groovy, Javascript, Angular, Python, Bash, Spring Frameworks, and AWS.
* Enjoy creating great products with great user experiences and working in a dynamic environment with a focus on good development practices, automation and shipping small, frequent releases.
* Well-versed in working within remote teams
* Apply industry best practices and utilize detailed knowledge of Department of Defense web based application solutions.
* Collaborate with system architects to analyze customer request, design application requirements, develop solutions, and deliver in an agile manor.
* Mentor the team members on software engineering skills and technologies.

Self – Open Source, 2006 - Present

Self

* Co-author of open source application inxi.
  + https://github.com/smxi/inxi
* Author of GUI frontend to inxi, guanxi.
  + https://github.com/trash-80/
* FIPS compliant Apache Web Server builder.
  + https://bitbucket.org/trash-80/
  + Some repositories private. Access available upon request.

# Skills

* 26 years computing experience.
* 11 years programming experience
* Management of employees and resources.
* Working knowledge of Microsoft Products (esp., Word, Excel, Visual Studio, Server & Desktop)
* Various Linux, Unix, and BSD flavors and utilities

# Merits, Awards and Certifications, and Organizations

* 2 Army Achievement Medals
* Successfully completed Green Belt training for lean manufacturing at Allied Signal
* Certificate for successfully completed Coaching & Evaluation Seminar while at Cobb-Vantress
* President of the MSSU Computer Information Science Club

Dean’s List Honor Role

* + Spring and Fall 2007
  + Fall 2009

Member of:

* Phi-Eta-Sigma—Freshman Honors Society
* Sigma Tau Delta—English Honors Society

Mathematics and Computer Information Systems Tutor, 2009

Missouri Southern State University

* Tutored students requesting help in Algebra, basic Math, Trigonometry, as well as computer software use and development.

Ultrasound Technician, Feed Conversion Lead, 2001 - 2006

Cobb-Vantress, Pineville, MO. (Division of Tyson Foods, Inc)

* Detailed information available upon request.

Manager / Assistant Manager, 2000 - 2001

A&W (Grace Energy), Bentonville, AR.

* Detailed information available upon request.

Various, 1994 - 1999

Allied Signal (now Honeywell, Int’l), Lawrence, Kansas.

* Production Technician, Inventory Control/Line Lead, Employee Representative for Employee Activity Committee (EAC), Lead for Defect Committee, Heated Chemical Solder Machine Trainer Preventive maintenance of various components of the production chain.
* Detailed information available upon request.

Kansas Army National Guard, 1989 - 1998

Allied Signal (now Honeywell, Int’l), Lawrence, Kansas.

* Field Artillery, Certified Heavy Wheeled Mechanic
* Worked with teams on mission critical objectives.

**Professional Experience**

**Full Stack Development (due to the nature of the DoD contract, generalizations are used)** :

Currently possessing a Secret level clearance.

Contract assignment within a branch of Department of Defense.  
Working knowledge of a variety of Java and Groovy API’s, and framework including Spring MVC 5, Spring Security 5, JPA/Hibernate.

Experience utilizing Apache Maven build and using Jenkins to run such builds.

Written bash scripts to automate some of the project’s release process, to coordinate the central git repository and a Jenkins build system.  
Integrated TinyMCE into a web based editor.  
Designed and developed a PDF export using Java 1.8 and the Flying Saucer templating library.

Examples below were multi-sprint efforts using the Agile process and were based on customer requirements.

Worked closely with our customer to develop a prototype to link their Microsoft Exchange Server and our software, which would request certain types of emails from the Exchange server and create events from those, which may be used with a map (see below):

* Based on the deprecated Exchange Server’s SQL based API.
* Wrote the Java classes which collated the information.
* Wrote the database inserts, updates, and retrievals of the information.
  + At the time, both Oracle database and Microsoft SQL Server were supported.
  + Two sets of the SQL were written in support of each.

Designed and developed a mapping technology (actually, 3 different versions) for use by the Department of Defense (DoD).

* Based on the PDF export development.
* The mapping technology is backed by Groovy and Java classes which collate information from an SQL Server database.
* Assisted in the design and development the client UI of a global map to track events utilizing libraries such as OpenLayers, ExtJS, and Angular.io.
* Designed and developed the RestFUL services which return KML (Keyhole Markup Language) for the mapping event tracker using:
  + REST and Jersey: Webservice endpoint.
  + Groovy 2, Java 1.8, and Apache Velocity Templates: Collate information to build the KML.
  + iBatis: Data Access Layer which communicates with SQL Server.
  + The map tiles utilize GeoServer for the background tileset, which I lead the team in setting up and preparing for deployment.

Utilized Spring Security and Jasic CAS (Central Authentication Service) to develop an SSO (Single Sign On) for the DoD application.

* The SSO connects to either an embedded Apache LDAP server or an Active Directory instance.
* Extensive knowledge of setting up applications to communicate with LDAP services.

Currently, working with the team to rewrite the DoD application from the deprecated Extjs Javascript library to an Angular and Typescript based client frontend. I've been rewriting the API from a legacy unsustainable service with multiple entry points and overly complex single entry points.

* Utilizing SpringMVC and Spring Security in Groovy 2.5 for the new API's REST services.
* Assisting in design and development of the Data Access Layer (DAO) using Hibernate utilizing POJO models to create SQL statements, which is replacing XML files full of SQL statements (I wrote a few of these deprecated statements).

Worked with the Technical Lead to find a replacement for iBatis, after prototyping a few different libraries, Hibernate was chosen. I also worked the prototypes which eventually lead to implementing Spring 5 for the new API development. For the replacement API, the team decided to utilize Groovy 2.5 over plain old Java.

* Using Groovy introduces several issues with source code, analyzing, and and Maven builds.
  + Researched several replacements, prototyped and finally recommended Gradle with CodeNarc to analyze the classes within the new API code.
* New API project is currently using Gradle as the automated build system.

Recent work for the Quality Control Lead to build a test case report widget within the Rally project management system, which utilizes Extjs5+ and Rally’s own API.

**Beyond Software Development (the many “Hats”)**:  
Working knowledge of application life-cycle management and have worked with Subversion, Git, Maven, Gradle, and Jenkins.

Experience with an array of testing tools and technologies.

Lead the team’s effort to move from an old Subversion system to Git using GitLab in the AWS Govcloud as the central source code repository.

* Installed and setup the initial GitLab instance and am the current maintainer for the team.
* Setup included exporting all Subversion repositories and importing them into Git keeping accurate metadata.

Beyond the role as Senior Developer, currently the team's Software Asset Maintainer.

* Duties include maintaining a Jenkins server, as well as all the configurations for every build job, which surpasses 100 jobs.
* Maintain several other alpha servers, which are pre-release servers for use in Continuous Integration and Quality Control.
* Mentoring another to take over these duties so that I can focus more of my time training Junior Developers, designing, and developing new features.

Second most senior developer on the team beyond the Team Lead, whom travels often. Because of the travel, in charge of leading the team in the lead's stead. Duties include:

* Mentor junior and recently hired developers.
* Lead team scrums.
* Keep the team on track and coach the other developers to help complete tasks.
* Always working with the Quality Control Team to provide feedback on any issues presented and facilitate resolutions, be it recommendations to file a new bug, or assign developers to a revise task.

During a transitional period:

* Setup servers in the AWS GovCloud.
* Setup Linux servers (including Red Hat, CentOS, and Ubuntu).
* Moved user accounts from an older, outdated Windows DNS servers to new Windows DNS servers. I also setup the LDAP connection from such DNS servers to the Linux images in AWS. I also setup a few Windows 2012 Servers within AWS.

Gained experience and knowledge of other technologies from several side projects and research that I have undertaken in my free time.  
  
Occasionally write a blog covering life, technical subjects, and opinion articles at: [Nerd @ Play](http://trash80.org/blog/)