

STEPHEN P. RUFLE

2070 E Detroit St
 Chandler, AZ, 85225
 (480) 269-5282
 sruffle_at_gmail.com

TECHNOLOGIES

Operating Systems	Languages	Databases	Version Control
<ul style="list-style-type: none"> Windows Linux/Mac OSX 	<ul style="list-style-type: none"> Java PowerShell Bash Python Ruby Groovy C#/.Net 	<ul style="list-style-type: none"> MySQL MS SQL Server Oracle 	<ul style="list-style-type: none"> Git AWS Code Commit (Git) SVN TFS
Methodologies	Agile Tools	Build Tools	Infrastructure
<ul style="list-style-type: none"> SCRUM Lean/Kanban DevOps 	<ul style="list-style-type: none"> JIRA Rally TFS 	<ul style="list-style-type: none"> Jenkins/Hudson Gitlab Ant/Maven/Gradle Psake, Custom PowerShell VMware PowerCLI Octopus Deploy Nexus/Sonar/Artifactory 	<ul style="list-style-type: none"> Vagrant/Packer/Terraform VMware/ProxMox/KVM VirtualBox AWS Docker AWS Elastic Container Registry (ECR) (Docker registry) Chef/SaltStack
Testing Technologies	Web Technologies		
<ul style="list-style-type: none"> Junit/TestNG/DBUnit/Mockito Selenium Webdriver/Sikuli Pester/Nunit 	<ul style="list-style-type: none"> HTML/CSS/Javascript/jQuery JSF/JSTL/JSP/Servlets XML/DOM/SAX/XSLT/XPath JSON JAXB/Castor JAX-WS/SOAP Spring/Spring MVC/Webflow/Hibernate/Spring Roo Apache Tiles Acegi Security/CAS/Spring Security 		

PROFESSIONAL EXPERIENCE

DevOps Engineer

Company: [Concord Servicing Corporation](#), Scottsdale, AZ 85251

Timeframe: 10-2017 – Current

- Helped build a two different CI/CD pipelines using
 - Jenkins, Octopus Deploy, Nexus binary repository, Docker registry, Gitlab, AWS ECR, AWS S3, AWS Code Commit
 - Nuget, msbuild, psake, maven
 - PowerShell, Bash, Python, C#, Ansible
 - PowerCLI - VMware, Docker
 - ProxMox (KVM) - Built an automated Jenkins pipeline that deploys containers to an existing 5 node Docker swarm. The build utilizes shared library code pulled from AWS Code Commit to create a standard build pipeline across different projects.
- Scripted the creation of AWS IAM users
 - Created a default password and AWS Code Commit SSH key for the user, and generated a getting started document.
 - Added the user to a group that allowed access to AWS using default AWS policies (ECR, Code Commit)
- Automated the creation of multiple Docker swarms in four environments.
 - Utilized shell scripts and Ansible playbooks to create a Docker swarm.
 - Leveraged new docker module in Ansible to create a manager node and join the worker nodes.
 - Injected secrets into swarm.
 - Bootstrapped a custom "Deployer" application that watches an S3 bucket, and deploys new versions of containers from ECR when it sees changes.
 - Deployed a portainer instance so users could have an interface to view information about stacks/services in the swarm. One major benefit developers gained was easy access to container logs.

QA/DevOps Automation Engineering Consultant

Company: [agiletestingframework.com](#), Tempe, AZ 85284

Timeframe: 01-2014 – 10-2017

- Developed build/deployment of Nuget packages for more than 40 applications
- Developed automation frameworks using WebDriver for a number of clients
- Helped coach teams on how to best develop applications taking automated testing into account
- Created Chef cookbooks to deploy internal applications and client build pipeline infrastructure
- Deployed internal ATF build pipeline on AWS
- Used SaltStack and Vagrant to create a set of demonstration VM's that had
 - Jenkins/SonarQube/Nexus/MySQL/Tomcat installed

QA Automation Engineer

Company: Forever Living Products International, LLC, Scottsdale, AZ

Timeframe: 07-2013 - 03-2014

- Developed automated testing framework to test the IFS Web application

- Technologies used consisted of Sikuli to do image matching, AutoIT to interact with windows, Guice for dependency injection, Apache commons libraries for configuration data, reading/writing excel documents
- Tests were run using TestNG from Maven using and inside Eclipse

QA Automation Engineer/J2EE Software Engineer

Company: Able Engineering / Evaluate To Win Phoenix, AZ

Timeframe: 08-2011 - 07-2013

- Converted from junit to TestNG for functional testing that required a specific order of operation.
- This reduced the time to run all tests from 5 hours doing each suite manually to 3 hrs for end to end completion of 15 suites with an average of 10 tests
- I am an active participant in the Phoenix Selenium Users Group
 - I recently gave a presentation on "Using JQuery with Selenium/WebDriver"
 - Will be attending the "2013 SeConf" in order to learn more about the state of the art in automated testing
- Setup code quality procedures and development platform using JUnit, Maven, Hudson/Jenkins
- Setup Jenkins to automatically generate and gather code metrics using Sonar, Cobertura, and FindBugs
- Setup a Nexus repository to facilitate the distribution of tools that did not have their own Maven repositories. Local repository was also used to hold our production release wars
- Have designed, developed, and coded in all phases of a SCRUM/Agile environment for the full life-cycle of the project
 - Have been the primary person to deploy to Amazon EC2 production
- I have the ability to communicate technical concepts to non-technical business stakeholders, train and mentor junior developers, lead technical design and code review sessions, and to make presentations to both technical and non-technical audiences.
- Worked in a developer role on a project consisted of designing and developing systems in a J2EE environment, including Spring, Hibernate, Servlets, JSP, JDBC, JMS, JNDI, and XML technologies. So I have a firm understanding of developer concerns and how to help make them part of the quality process
- Trained new employees on our current system and setup tool chain for development. Wrote an internal wiki article outlining process
- Developed numerous bash/batch scripts to automate resetting test data
- I have strong relational database skills, including design and normalization, of complex SQL queries, and basic performance tuning
- Have written MySQL stored procedures to convert primary key columns to a shorter length during a performance optimization task

Lead J2EE Software Engineer

Company: Salmon LLC Mineola, NY

Timeframe: 09-1999-08-2011

- Responsible for all aspects of the software development of the Fujifilm USA a high volume website from 2000-2008 using a J2EE environment, including EJB, JDBC, JMS, JNDI, and XML technologies.
- Interfaced with the Sales and Marketing departments to gather requirements
- Managed a small team (4-5 people) of remotely distributed Java developers , all in a different time zones, and coordinated tasks with client and outside design team that provided HTML/CSS assets
 - Enforced coding standards using PMD and FindBugs
 - Lead code reviews utilizing static analysis tools such as PMD and FindBugs
 - For 8 yrs was deployed to a clustered BEA Weblogic environment using a MySQL backend

- Other technologies used SOFIA, JSP/Servlets, Fatwire Content Management
- Implemented custom administration screens for complex content management tasks using SOFIA/JSP/Servlets
- Implemented SOLR searching and faceted navigation
- Implemented build and deployment scripts using the Apache ant build tool
 - Process dealt with load balancers and synchronizing production data

Lead Software Engineer

Company: Guadagno Consulting Rochester, NY

Timeframe: 04-2006-04-2007

- Developed a “Quote Management System”, using Spring/Hibernate/JSF, these technologies where deployed to the Apache Tomcat JSP/Servlet container and connected to an Oracle backend
- I have the proven ability to closely work with business stakeholders to gather system requirements and translate into a technical design
- Reverse engineered Hibernate DOA objects from a an existing Oracle database, then used mapped objects to manage data
- JSF/MyFaces was used to implement the view
- User login connected to an LDAP server using “Acegi Security" and "CAS"

EDUCATION

Bachelor's of Arts in Virtual Reality (CS)

University of Advancing Technology Tempe, AZ 1998

- Sun Certified Java Developer (1999)
- CompTIA Linux+ XK0-004 (2019)