

Jessica Claire

Montgomery Street, San Francisco, CA 94105 • (555) 432-1000 • resumesample@example.com

Summary

Excellent platform knowledge with Linux, Automation and Open source software tools with around 6 years of experience includes DevOps, Build Release Engineer and Linux Administration. Experience includes the cloud management AWS as well as DevOps development in Windows, Linux and Mac OS systems. *Managed environments DEV, SIT, QA, UAT and PROD for various releases and designed instance strategies. *Responsible for the management of cloud services AWS *Ability to work closely with teams, to ensure high quality and timely delivery of builds and releases. Strong ability to troubleshoot any issues generated while building, deploying and in production support. *Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.

Skills

- Amazon Web Services AWS: EC2, S3, VPC, EMR, SPARK, IAM,ELB
- Languages: RUBY, SHELL, BASH, PYTHON
- DevOps tools: CHEF, PUPPET, ANSIBLE, Packers, Terraform, Selenium
- Operating Systems: Linux, UNIX/LINUX,MACOS.
- Agile: Scrum
- Container Management: Docker
- CI/CD tools: GIT, SVN, Jenkins, Nexus, Maven, Ant
- Linux: RedHat, CentOS
- MySQL, SQL, RDBMS, DynamoDB
- Monitoring tools: Splunk, NAGIOS, CloudWatch, NewRelic
- JIRA, Confluence

Experience

DevOps Engineer, 08/2017 to Current

Saic – Suitland, MD

- Worked with Jenkins under the **CI/CD pipeline** providing continuous improvement to agile software development teams
- Experienced in Infrastructure as Code and using most of the AWS services like **EC2, S3, IAM, ELB, VPC** etc.
- Experience in Setting up the **build and deployment** automation for **Terraform** scripts using **Jenkins**.
- Worked on **Ansible**, used **YML** packages for installing, configuring push to make changes in time.
- Involved in **DevOps automation** processes for **build and deployment** of a **3tier web architecture**
- Monitored **RDS** with **Postgres**,instances and **Elastic Load Balancer** for performance and availability.
- Experience in **troubleshooting** ay issues generated while build and deployments.
- Deployed configuration management and provisioning to AWS using **Packer-Docker** and Terraform, involved in auto-mated deployment of EBS on to the AWS Cloud ec2 instance server and automated the complete deployment environment on AWS.
- Created multiple terraform modules to manage configurations, applications, services and automate installation process for Web Server and **AWS** instances.
- Installed Docker, created Dockerfile to create containers and integrated Docker with Jenkins to do build on **Docker** containers and to achieve Continuous Delivery goal on high scalable environment.
- Managed deployment automation using **Packer-Docker, Terraform** to automate system operations.Handled work from initial stage of development to create branches, make developers follow standards creating build scripts, labeling, automating the build process and deploy process by using Jenkins plugin.
- Experience with analysis of logs and performing **root** cause analysis for various **issues** coming up on **daily** basis
- Used **New Relic** for the infrastructure monitoring.Worked for multiple environments, including non-production and production environments.
- Installed and configured the monitoring tool **SPLUNK** for tracing the logs and maintained the code quality by using **SonarQube**
- Work with different team members for automation of Release components.
- Implement and Enhanced Scripts which are developed in **Shell, Perl, Ruby** and **Python**.
- Also the environment includes **Hadoop, DynamoDB, SPARK, EMR** and few other.
- Experience with CI (**Continuous Integration**) and CD (**Continuous Deployment**) methodologies using **Jenkins**
- Creating the containers by using **Docker**.
- Implemented and maintained the monitoring and alerting of production and corporate servers/storage using **CloudWatch**.
- Experience with Bug tracking tool like **JIRA**.
- Having good Experience in Configuration Management tools like **Ansible** for transferring and running the modules with the help of SSH based systems.

Environment: GIT, JENKINS, JenkinsFile, Jenkins Pipeline project, Packer, Docker, Terraform, EMR, Hadoop, SPARK, DynamoDB, Airflow, Ansible, JIRA, AWS, S3, IAM, AWS, EC2, ANT, PUTTY, CONFLUENCE, MAVEN.

DevOps Engineer, 10/2015 to 07/2017

Saic – Sunnyvale, CA

- Responsible for automation with Enterprise **GitHub, Jenkins** and Sonar Nexus.
- Imported and managed multiple applications into **GIT**.
- Designed, developed, implemented, and maintained custom **Gradle** tasks in Java and **Groovy** build tools for application layer modules and configured **Jenkins** as a Continuous Integration tool for automation of daily process.
- Wrote **groovy** scripting to set up Job DSL within Jenkins.
- Ability to create new Jenkins jobs rapidly and allows configuration of jobs to be stored in source control.
- Implemented **Infrastructure as Code (IaC)** using CloudFormation templates and **Puppet**.
- Designed and implemented Continuous Delivery (CD) pipeline using Puppet for Configuration management, deployment and server automation, automated the setup and teardown of isolated staging environment for automated testing.
- Worked on creation of **Puppet manifest** files to install Tomcat instances and to manage configuration files for multiple applications.
- Configured and integrated the servers for different environments to automatically provision and configuration management of Linux instances using CM/ Provisioning tool Puppet.
- Built Puppet manifests and bootstrap scripts to allow us to bootstrap instances to various roles without having to maintain **AMIs**.
- Deploying the content cloud platform on AWS using **EC2, S3**, and **EBS**, also evaluated PUPPET Framework and tools to automate cloud deployments and operations.
- Configured most of the services of AWS stack and Developed few python scripts for AWS services.
- Managing and monitoring the server and network infrastructure using **NAGIOS** and tested the code quality using Selenium.
- Developed Shell scripts to run the unit tests on different jobs in Jenkins like testing the code.
- Created and maintained the **Shell** deployment scripts for TC Server/Tomcat web application servers.
- Developed **Perl** and **shell** scripts for automation of the build and release process.
- Migrated on Premise **MySQL** database to Multi Availability Zone RDS instances.
- Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing and deployment of the products to various developments.
- Installed/Configured and Managed Nexus Repository Manager and all the Repositories.
- **JIRA** is used as ticket tracking, change management and Agile/SCRUM tool.
- Environment: Subversion (SVN), Jenkins, AWS, MAVEN, PUPPET, TC Server, Tomcat, Shell/Perl Scripts, Linux.

Build and Release Engineer, 09/2014 to 08/2015

Booz Allen Hamilton Inc. – Fayetteville, NC, INDIA

- Managed and examined the Development code following the **Software Development Life Cycle Model**.
- Maintained **SVN** repositories for DevOps environment: automation code and configuration.
- Experience in writing **maven** pom.xml and ant build.xml for build scripts.
- Developed build and deployment scripts using **ANT** and MAVEN as build tools in Jenkins to move from one environment to other environments.
- Setting up continuous integration and formal builds using **Bamboo** with Artifactory repository.
- Developed scripts in Ruby to package log files and send them to a remote server.
- Create and Maintain Subversion **Branching, Merging** and **Tagging** across each Production releases and perform builds using Jenkins Continuous Integration using Maven Scripts.
- Setting up and installing dedicated Jenkins servers for each project.
- Primary duties include Build and Deployment of the java applications onto different environments like Dev, QA, UAT and Prod.
- Worked on the transition project which involves migration activities from Ant to Maven to standardize the build across all the applications.
- Involved in Installing **Jenkins** on a Linux machine and created a master and slave.
- Configuration to implement multiple parallel builds through a build farm.
- Consumed various SOAP and REST web services related to requirement.
- Build artifacts (war and ear) are deployed into a WebLogic app server by integrating the WLST scripts to Shell Scripts.
- Generated Ant, Perl and UNIX scripts for build activities in QA, Staging and Production environments.
- Maintained configuration files for each application for build purpose and installed on different environments.
- Deployed **JAVA/J2EE** applications through **WebLogic/WebSphere** Application servers.
- Worked closely with the team to review code for compatibility issues, resolve issues as they arise, and implement deployment processes and improvements on a continuous basis.
- Environment: Windows, Bamboo, Shell, Selenium, Python, Golang, Web Logic Server 11g, SQL, J2EE, Shell, UNIX, Windows NT/2000 and WebSphere, SVN, Jenkins, Maven, GIT.

Linux Administrator, 03/2012 to 07/2014

Criterion Systems – Reston, VA, India

- Administered, maintained **RedHat 4.0, 5.0** Troubleshooting Hardware, Operating System Application & Network issues and performance issues; Deployed latest patches for, Linux and Application servers, Performed Red Hat Linux Kernel Tuning.
- Experience in implementing and configuring network services such as FTP, HTTP, DHCP, and TFTP.
- Administered Linux servers for several functions including managing Apache/Tomcat server, mail server, and **MySQL** databases in both development and production.
- Migrated database applications from Windows 2000 Server to Linux server.
- Installing and setting up Oracle 9i on **Linux** for the development team.
- Linux kernel, memory upgrades and swaps area and RedHat Linux Kickstart Installation.
- Capacity Planning, Infrastructure design and ordering systems.
- Created users, manage user permissions, maintain User & File System quota on Red hat Linux.
- Bash shell-scripts to automate routine activities.
- Monitored trouble ticket queue to attend user and system calls.
- Attended team meetings, change control meetings to update installation progress, and for upcoming changes in environment.
- Updated data in inventory management package for Software and Hardware products.
- Worked with DBAs on installation of RDBMS database, restoration and log generation.
- Environment: Red Hat Linux 4.0,5.0 AS ES, Oracle 9i/10g, Samba, VMware Tomcat 3.x,4.x,5.x, Apache Server.

Education and Training

Bachelors of Engineering