

JESSICA CLAIR

development  
and design

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.

Experiment

- 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 any issues generated while build and deployments.
  - Deployed configuration management and provisioning to AWS using Packer-Docker and Terraform, involved in auto-mated build and deployment of applications.

- Created

and to achieve Continuous Delivery.

- Managed deployment stage of development

- 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

- Migrated on Pre
- Responsible for :

- 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.

- Installing and setting up
- Linux kernel, memory

- Created users, managed