

JESSICA CLAIRE

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PROFESSIONAL SUMMARY

Over 6+ years of experience of solving complex problems with Creative solutions, Supporting Development and Operations environments, Automation and Maintenance of On premise and Cloud based Applications and Services. *Strong working experience in Linux and Windows environments. Working knowledge on Cloud automation using AWS Cloud Formation templates. *Expertise in Amazon Web Services (AWS) cloud administration which includes services: EC2, S3, VPC, ELB, Route 53, Cloud Formation and Cloud Watch. *Expertise on using Amazon AWS API tools like: Linux Command line, Puppet integrated AWS API tools. *Experience in installing and administrating CI tools like JENKINS / Hudson, Bamboo, Sub-Version, GIT. Good experience in automating deployment pipelines. *Performed integration of Code Quality Analysis Techniques like Check styles, Find Bugs with CI tools like JENKINS, Bamboo. *Extensively worked on JENKINS for continuous integration and for End to End automation for all build and deployments. *Experienced with Configuration Management Tools: Chef, Puppet. Managed servers on the Amazon Web Services (AWS) platform instances using Chef, Puppet configuration management. *Involved in configuring and integrating the servers with different environments to automatically provisioning and creating new machines using CM/Provisioning tools like CHEF, Puppet. *Written Chef cookbooks and recipes to provision several pre-prod environments consisting of Cassandra DB installations, weblogic domain creations and proprietary middleware installations. *Good understanding of Docker Configuration Management tool and used as a new level of simplicity to defining and creating applications or services by encapsulating them in containers. *Strong hands of experience with scripting languages like Python, Ruby, Shell. *Experience with monitoring and management tools like NAGIOS, Splunk. *Hands on experience in configuring and maintaining the web servers like Apache, Tomcat and App servers like Weblogic, WebSphere. *Strong ability in knowledge of network and web related protocols like TCP/IP, HTTPS along with the routing protocols.

SKILLS

- Guest services
- Inventory control procedures
- Merchandising expertise
- Loss prevention
- Cash register operations
- Product promotions

EDUCATION

NP University
fremont • 2016

Master of Science: EE

KKR&KSR Institute of Technology
guntur • 2014

Bachelor of Science: EC
Electronics and Communication
Engineering

CERTIFICATIONS

AWS Associate Developer

WORK HISTORY

Applied Systems, Inc. - DevOps Engineer

Lincoln • 01/2014 - 03/2015

- Role is that of a DevOps Engineer responsible for support and administration of the DevOps tools used for automation of builds, deploys and testing.
- Responsibilities:
- Created automated build and deployment process for J2EE applications and built the workflow for a continuous integration system for all our products.
- Created automation scripts using devops tools (Python, Docker, Json, Bash and Chef) and implemented AWS cloud Formation template stacks to automate building new instances using Json and custom Chef scripts.
- Optimized volumes of EC2 instances and created AWS VPC instances and used IAM to create new accounts, roles, users, groups.
- Configured S3 versioning and lifecycle policies for backup and archive files.
- Created GIT configuration record for builds using derived objects generated during build audit process.
- Implemented and maintained the branching and build/releases strategies utilizing GIT.
- Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using GIT source control.
- Used Jenkins for enterprise scale infrastructure configuration and application deployments.
- Configured and automated the Jenkins Builds jobs for Continuous Integration and Setting up Jenkins master, adding the necessary plugins and adding more slaves to support scalability and agility.
- Used Chef to manage web applications, Configure files, Database, Users, Mount points and packages.
- Developed Chef Recipes to configure, deploy and maintain software components of the existing infrastructure.
- Setup and maintenance of automated environment using Chef Recipes and Cookbooks within AWS environment.
- Bootstrapping instances using Chef and integrating with auto scaling.
- Managed the configurations of multiple servers using Chef recipes and also customized facts for efficient management of the Chef clients.
- Used Nagios as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes and also worked on Nagios Event handlers in case of automatic restart of failed applications and services.
- To achieve Continuous Delivery goal on high scalable environment, used Docker coupled with load balancing tool Nginx.
- Created and maintained the Python deployment scripts for Web Sphere web application.
- Implemented a Python module to query data from a PostgreSQL table to display aggregated data from Map Reduce jobs.

Deloitte - Devops/AWS Engineer

New Edinburg • -1 - Current

- As a DevOps Engineer, managed and automated operations of a high-availability, high scalability server infrastructure and performing in depth maintenance tuning.
- Enhanced the current process to a new process which would be more stable and more process oriented for the teams of work.
- Responsibilities

Engility Corporation - Cloud Operations Engineer

Albuquerque • 02/1 - Current

- As an experienced engineer, developed cloud infrastructure and software strategies to full fill the needs of global customers.
- Many of those solutions included AWS (Amazon Web Services) offerings that we offer through our Amazon partner status.
- Responsibilities

General Dynamics - UNIX/LINUX Administrator

Neptune Beach • Current - Current

- As a Unique Linux Administrator, participated in installation, configuration and administration of Redhat Linux, tuning, upgrading and loading patches, troubleshooting both physical and virtual server issues.
- Responsibilities

Protek - Linux Administrator

City • Current - Current

- As a Linux administrator, responsible for new user support and maintenance as well as basic Linux OS patching and troubleshooting network issues and installation of new CentOS/Redhat Linux.
- Responsibilities