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**SUMMARY**

* 9+ years of experience in multiple disciplines including Middleware Administrator, AWS and Dev-Ops Engineer.
* Deployed Extra hop Monitoring tool on AWS to identify workloads needed to migrate to AWS and then optimize the performance and availability of Dependent Infrastructure Services.
* Migrated Applications from Virtual Servers to AWS Cloud which included Usage of resources **EC2, VPC, IAM, SNS, SQS, RDS, Cloud Formation, Elastic Load Balancing, Auto scaling, S3, Route53** and IAM.
* Handson knowledge in various configuration and automation management tools such as **Chef**, **Ansible**.
* Configured Ansible for scaling EC2 web servers from Route 53 Load balancer in AWS.
* Implemented and integrated **Docker with ECS to achieve** Continuous Integration and Deployment framework using aws-ecs-cli and Jenkins
* Administer Web and Application servers including WebLogic, Tomcat, and Apache.
* Implemented CI, CD and Continuous Deployment of Agile Projects using Git, Jenkins and Dockers.
* Experience in branching, tagging, releasing and maintaining the version's across the environments using version control systems like GIT, GITHUB, Subversion (SVN)
* Complete understanding of Software Development Life Cycle with Agile Methodologies.
* Pushed all configuration management using Chef and puppet to allow for rapid roll-out of new infrastructure.
* Achieved Continuous Delivery of Critical Applications by Using Blue-Green Deployment.
* Reduced applications migration issues by optimizing and iron-out inefficient processes.
* Configured out-of-the-box monitoring and log indexing tools like Extra hop and Splunk.

**SKILL SET**

**Operating Systems:** Linux, Solaris and Windows.

**Programming:** Python, Perl, Shell, Ruby, AWS CLI

**Monitoring Tools:** ExtraHop, Patrol, JMeter, Jrockit, and Wily Introscope.

**J2EE Platforms:** WebLogic, Apache, Tomcat, JBoss, WebSphere.

**Version Control Systems:** Subversion, Git

**Cloud:** Amazon Web Services.

**Containirization**: Dockers,ECS

**Cloud Services:** EC2, S3, VPC, Cloud Formation, RDS, SQS, IAM, SNS, SES.

**Automation/Build Tools:** Jenkins, Repli-web

**Configuration Management:** Chef**,** Ansible.

**WORK EXPERIENCE:**

**Dev-Ops/AWS Cloud Engineer, Ericsson, Bellevue, WA (08/2016 – Till Date)**

* Responsible for automating deployments, configuration management and capacity management of applications using CI/CD Tools. Build out operational capabilities to support secure, scalable, and fault-tolerant and cloud based web architecture.
* Automated the process to create Docker images from Docker Hub and also created Docker file from scratch which includes automated package builds and deploy, Integrated with ECS so as to Enhance time effective process for Procurement Docker hub
* Created **Chef Cookbooks** to provision Apache and Tomcat servers,
* Managed Multiple AWS instances, assigned security groups and configured load balancing using Elastic Load Balancer and backed out Images to AMI’s for Adding additional Instances.
* Support Service Level Agreements (SLAs) for Applications Engineering group and implement necessary processes and procedures to ensure they are met.
* Create Jenkins job to build the artifacts using maven, deploy the Cloud-formation templates to create full stack.
* Build and configured a virtual data center in the Amazon Web Services cloud to support Enterprise Data Warehouse hosting including creating CIDR Blocks, Public and Private Subnets, Security Groups, Route Tables, Elastic Load Balancer.
* Deployed Extra hop Command Appliance on AWS to identify workloads to migrate to AWS and to optimize the performance of all Dependent Infrastructure Services.
* Automated Deployment of Java based applications into Tomcat, WebLogic servers using Chef and Jenkins.
* Managed applications on a public EC2 instance under a public subnet with internet gateway and communicated with private application under a private subnet by a dedicated VPC, and also configured NAT and Route Tables.
* Involved in Puppet modules to automate deployment, configuration, and lifecycle management of key clusters.
* Integrate Junit,GIT and Deployment tools with Jenkins and Maven
* Implemented triggers in Extra hop using Java Script for Capturing Custom metrics such as Http Status codes and assigning it to network devices.

**Infrastructure/DevOps Engineer, Apple – Sunnyvale, CA, (2015 -16)**

* Installed, secured, and configured **AWS** cloud servers for migration of Application Servers Using Amazon **SNS** and **DMS** for server migration from physical into cloud**.**
* Responsible for building out and improving the reliability and performance of cloud applications and cloud infrastructure deployed on Amazon Web Services.
* Worked with development team to create a collaborative IT operations model based on **Agile** and **DevOps** methodologies and wrote code to support automated IT operations methodology (foundation of cloud and services) in various scripting languages.
* Prepared, arranged and tested Splunk search strings and operational strings along with automated installation on VM’s for Development Efforts.
* Responsible for ensuring **Continuous Delivery/Continuous Integration** across all environments from UAT/TEST to Pre-Production and Production using **Jenkins**.
* Experienced in automating deployment using **Bash, Ruby, Perl** and **Python** scripting with focus on CI/CD tools.
* Installed and Configured Jenkins to perform automated Builds and Deployments.
* Created **Chef Cookbooks** to provision Apache Web servers, Tomcat, WebLogic Servers
* Conceptualized and led the program for conversion of VMware’s **VM** to **KVM** for the entire Apple Customer Systems platform.
* Installed and maintained Jenkins for Continuous Delivery as well as automate Ansible Playbook runs against production infrastructure.
* Migrated Middleware Applications from Data Centers to AWS which involved co-ordination between Various Infrastructure Teams to build a high-available, robust and scalable infrastructure systems.
* Responsible for troubleshooting java applications and monitoring using splunk.

**Senior Middleware Engineer, Master Card – St Louis, MO (2014 -15)**

* Created JSON templates for AWS cloud formation and ruby scripts for Chef Automation and contributing to repository on Git/SVN**.**
* Implemented Application Design and architecture using Visio
* Procure SSL Certificates and repo to GitHub Version Control to handle Authentications for Both Web and Application Servers.
* Configured Software load balancers for creating VIP’s health checks and server farms at both LB level and Web Server level including creating Context Rules and setting up health Check Monitors for High Availability Scenarios.
* Installed and Worked on migration and exporting of scripts from Web Focus 7.7 to 8.0
* Involved in Configuring the WebSphere load balancing utilizing WebSphere Workload Management (WLM) including horizontal scaling and vertical scaling. Provided various J2EE Applications support at the Enterprise Level. Involved in Application Tuning for Optimized performance.

**WebLogic Administrator, Monsanto – St Louis, MO (2011 -14)**

* Developed automated application deployment process to WebLogic and tomcat using Repliweb.
* Automated built and deployment of applications using Apache ANT, Perl & shell scripting.
* Migrated enterprise applications from WebLogic application server to JBoss Application Server.
* Configured Apache plug-ins for Jboss and WebLogic application servers.
* Installed and configured Oracle Coherence clusters on distributed caching with replication models. Configured the Coherence JMX Management Framework for monitoring and tuning caching performance and troubleshooting caching errors.
* Enabled Jrockit Mission control and Flight Recorder to Monitor WebLogic Performance.

**WebLogic Administrator, DHL Global Mail - Atlanta, GA (03/2011 – 10/2011)**

* Installed, upgraded patches, deployment, monitored, tuned and configured WebLogic application server in multi cluster/server environment.
* Configured and created JMS queues & topics, Data sources, bridges & connections pools & multi connection pool.
* Expertise in troubleshooting and fixing of problems on WebLogic Application Server.
* Strong knowledge in Clustering and administering connection pools for JDBC connections. Install, configure and administered of WebLogic.

**WebLogic Portal Administrator, TIAA-CREF - Broomfield, CO (2010-11)**

* Created WebLogic portal based environment. Performed tasks such as creating Desktops and community templates for WebLogic portal server. Provide on-call supports for critical business applications throughout their life cycle, which included development, testing, break fix, testing and production environments.
* Set up WebLogic domain with a single Server instance for developers on their windows machines. Developed automation process using Korn shell for WLS Install, upgrade patches, deployment, monitor, tuning and configuration of Web Logic application server in multi cluster server environment.

**WebLogic Administrator, State Street Corporation – Boston, MA (2008-10)**

* Configure and installed Tomcat, Jboss and WebLogic application servers.
* Configured User Authentication and Policy Authorization Stores on LDAP Server and Created Secure Socket Layer (SSL) Certificates and integrated with WebLogic Servers.
* Performed Web Logic Server Administration tasks such as installation, configuration, monitoring and performance tuning. Configured WebLogic Virtual hosts. Implemented scripts for administration using Python and Shell Scripting. Managed JNDI and Security and configured and monitored JMS.
* Created new file system, permitted user to mount file system, monitored free space, disk. Usage, located files, checked & cleared log files, and performed administration and monitoring of disk based file system.

**EDUCATION:**

**JNTU**, Hyderabad, India

Bachelors in Mechanical Engineering, 2002 – 2006

**University OF Bridgeport**, Connecticut, U.S.

Masters in Mechanical Engineering, 2007-2008