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DevOps Engineer  **Phone: +91-7406662726**

**PROFESSIONAL SYNOPSIS**

7+ years of professional experience in IT industry, 4+ years of experience in Middle ware technologies and 3+ years of experience as a DevOps Engineer in the field of software configuration management and cloud services.

* Experience of working on on-site assignment as a Prime member with various projects and clients (OP-Finland,) and coordinating with offshore team.
* Expertise in building CI\CD pipeline using Jenkins.
* Configured Jenkins Nodes to build jobs in order to distribute the load on Jenkins Master and achieved parallel builds.
* Integrated SonarQube, Nagios with Jenkins for continuous inspection of code quality.
* Experience on AWS cloud services such as EC2 EBS, IAM, VPC, S3, ELK, ECS, Route 53, and Lamda.
* Manage Network security using security groups.
* Experience in provisioning, orchestration, packages, services, configuration and deployment using Ansible.
* Expertise with configuration management tool like Ansible and writing playbooks, roles for scalability and reusability.
* Expertise on installation of Apache Tomcat, MySQL and Nginx using playbook and configure these packages.
* Experience on automating the build and deploy of Java applications to different environments by using ansible and Jenkins.
* Knowledge on Build management tools like Maven.
* Knowledge on version control management tool like GIT, GitHub and it’s web repositories in GitHub for source code storage and management.
* Knowledge on containerization tool like Docker.
* Knowledge on Docker files to build the docker images.
* Knowledge on Docker-Compose to run multiple containers.
* Strong people & project management skills, capable of managing members having distributed skill sets, ensuring judicious utilization of resource.
* **Specialties**: Jenkins, Ansible, Docker, SonarQube, Maven, Nexus and GIT.
* Areas of Expertise:
* Operating Systems :Redhat 7, Windows
* Version Control tools : Git, GitHub
* Build Management tools : Maven,
* Application Servers : Apache Tomcat, Nginx
* CI tools : Jenkins,
* Containerization tool : Docker
* Configuration tool : Ansible
* Cloud technology : AWS
* Virtualization : Vagrant, VMware
* Monitoring tool : Nagios, CA-Wily
* Software repository tools : Nexus
* Bug Tracking Tools : JIRA
* Work Experience Summary:

 CGI from Sep-2017 to Onward Senior Software Engineer

Tech Mahindra from Jan-2015 to Sep-2017 System analyst

Photon info Tech from Nov-2012 to Dec-2014 System admin

**EDUCATION QUALIFICATION**

* **Graduation** (B.Tech)- E.C.E, EVM College from JNTU Kakinada in 2012.
* Post-Graduation(M.Tech)- DSCE, Lodes college from JNTU, Hyderabad in 2014

**PROFESSIONAL EXPERIENCE**

**Organization:** CGI

**Designation:** Senior Software Engineer

**Project #3:** Application operations

**Customer:** OP

**Duration:** Sep- 2017- Current

**Platform:** Linux , Windows

**Tools:** Jenkins, Git, Docker, Ansible, AWS.

**Description:** OP Financial Group is one of the largest financial companies in Finland. It consists of 180 cooperative banks and their central organization. “OP” stands for “osuuspankki” in Finnish, literally “cooperative bank”. The financial group has over 1.4 million customer-owners. The group offers retail and commercial banking services all over Finland as well as insurance services.

In 2014 the group acquired the remainder of the shares of Pohjola Bank and consolidated its services under the OP brand. Therefore, OP-Pohjola shortened its name OP.

OP’s new headquarters is located in Vallila, Helsinki, and opened in 2015.

**Job Highlight:** Working as a DevOps engineer and Middleware system admin.

**Responsibilities:**

* Enhanced the code such that the major functionalities are driven at configuration level.
* Automating the test cases and fixing the failures.
* Software configuration management (automate CI & CD pipeline using Jenkins, Ansible, Git and Docker).
* Writing inventory files and ansible configuration files.
* Creating playbooks in ansible for configuration and deployment activities.
* Automating AWS cloud deployments using shell Scripts and ansible.
* Convert the playbooks in Roles for reusability and scalability.
* Configured packages. Services using ansible module like yum, service, templates etc.
* Configuring Apache Tomcat server using ansible.
* Configuring Jenkins jobs, install plugins for generating projects artifacts.
* Responsible for creating Builds and deployment planes.
* Perform deployment of war files in Tomcat server using Ansible
* Automate Build process using Jenkins jobs.
* Verify the deployment logs to check for successful deployments.
* Perform deployments to multiple environment like Dev, QA and UAT environments.
* Installing and configuring Ansible and Involved in writing Ansible playbooks for configuring the servers.

**Organization:** Tech Mahindra

**Designation:** System Analyst

**Project#2**

**Customer:** FOREVER 21

**Platform**: Windows and Linux

**Duration**: JAN-2015 to July-2017

**Description**:

Forever 21 is an American chain of fast fashion retailers with its headquarters in Los Angeles and sales of $3.7 billion in 2013. Forever 21 began as a 900 square foot store in Los Angeles in 1984, and has grown to sell their clothing lines Forever 21, XXI Forever, Love 21, and Heritage in over 600 stores in the Americas, Asia, the Middle East, and the UK. More than 60% of its apparel is manufactured in China and the average store size is 38,000 square feet. The company has been involved in various controversies, ranging from labor practice issues and copyright infraction accusations to religion. The clothing ages from toddler to grownup, for kids and adults

* Tasks experienced:
* Worked on creating and configuring Local Queue mangers and Remote Queue Managers.
* Implementing Distribution Communication and Clustering Communication over different platforms
* Experience in configure and monitor MQ Listeners, Command Servers, Channel initiators, Trigger Monitors, MQ Log files & Dead Letter Queues.
* Strong Experience in using MQSC commands.
* Product & Fixpack installations and version upgrades of Websphere MQ.
* Having experience in migration to cloud process. And used some DevOps tools like Jenkins, GIT, Docker and Ansible with AWS services.
* Responsible for creating Builds and deployment planes.
* Performing Build activities using Maven and Jenkins tool.
* Perform deployment of war files in Tomcat server using Ansible.
* Automate Build process using Jenkins jobs.
* Verify the deployment logs to check for successful deployments.
* Perform deployments to multiple environment like Dev, QA and UAT environments.
* Installing and configuring Ansible and Involved in writing Ansible playbooks for configuring the servers.
* As most of the infrastructure is hosted in AWS Cloud and responsible for Creating and managing EC2 Instances.
* **Organization:** Photon Info Tech
* **Designation:** System Admin
* **Project#1**
* **Customer:** Westpac
* **Platform**: Windows and Linux
* **Duration**: Nov-2012 to Dec-2014
* **Description**:

Westpac Banking Corporation, more commonly known as Westpac, is an Australian bank and financial-services provider headquartered in Westpac Place, Sydney. It is one of Australia's "big four" banks. Its name is a portmanteau of "Western-Pacific". As of November 2015, Westpac has 13.1 million customers, and is Australia's largest branch network, with 1429 branches and a network of 3850 ATMs. The bank is Australia's second-largest bank by assets. It is also the second-largest bank in New Zealand.

* Tasks experienced:
* Day to day administration and maintenance of the Web sphere MQ (including queue managers and all inter connecting channels in our servers).
* Implemented distributed queuing client/server architectures and configured MQ.
* Configured MQ Series queue managers, clusters and queue manager objects, queues, channels etc.
* Monitoring the Queue Manager Logs for unresolved messages stuck in the queues.
* Adding and Removing of queue manager to the cluster network.
* Monitoring and maintenance of queue managers, queues, channels and listeners.
* Used MQSC Commands to perform administration tasks.
* Handling and Trouble shoot of undelivered messages by working with dead letter queues.

 Nagavardhan. Guntupalli