AWS & DEVOPS ENGINEER

A. MOHUMMED IBRAHIM

PROFESSIONAL PROFILE

DevOps Engineer with 3+ years of hands-on experience in architecting /Automating and optimizing mission critical deployment over large infrastructure. Proficient with Configuration Management tool and developing CI/CD pipelines.

CONTACT

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TECHNICAL SKILLS

- ❖ CI/CD   : Jenkins
- ❖ App Server   : Tomcat
- ❖ Webserver   : Apache, Nginx (Basics)
- ❖ Configuration Management   : Ansible, Salt Stack, Terraform
- ❖ Containerization   : Docker, Docker Compose, ECS
- ❖ Versioning   : Git, Git Hub,Bitbuket
- ❖ Scripting Languages   : Basics of Shell & Python.
- ❖ Build Tools   : Maven
- ❖ Code Analysis   : SonarQube
- ❖ Package Repository   : Nexus
- ❖ Monitoring   : ITRS,Nagios,Cloudwatch,Spluk,Appdynamic
- ❖ Cloud   : Amazon Web Services (AWS),VMWare
- ❖ AWS   : EC2, IAM, S3,EBS,EFS,VPC, RDS, ELB

COURSE SKILLS

- ❖ DEVOPS
- ❖ AWS
- ❖ REDHAT
- ❖ CCNA
- ❖ HARDWARE

PROFESSIONAL EXPERIENCES

Company	: National Stock Exchange Info Tech Ltd
Designation	: DevOps Engineer
Duration	: From Jun 2019 to Present
Company	: Frontier Business System Pvt Ltd
Designation	: AWS & Linux Engineer
Duration	: From Dec 2017 to Jun 2019
Company	: Inspace Technologies Pvt Ltd
Designation	: Desktop Engineer
Duration	: From Sep 2016 to Dec 2017

PERSONAL PROFILE

S/o. Aleem Bathusha.K

DOB   :   03/08/1994

Gender   :   Male

Status   :   Single

Passport :   Yes

Nationality: Indian

Location: Guduvanchery, Chennai

Language: English, Tamil & Arabic

SUMMARY OF WORK

Job Profile 1:   National Stock Exchange Info Tech Ltd

NSE NSEIT

Working as **DevOps Engineer**   (Jun 2019 to Till Now)

- 3+ years of Experience in IT Industry as DevOps Engineer.
- Design and develop Continuous Integration and continuous deployments with tools like GIT, Jenkins, Maven, Ansible, Sonarqube and Nexus.
- Experience in creating the company's DevOps strategy in a mix environment of Linux (RHEL, Ubuntu) servers.

- Extensive experience in defining the branching and the merging strategies, creating baselines and releasing the code.
- Performed all necessary day-to-day GitHub support for different projects like Check-in, Checkouts, import, export, branching, tagging, and conflict resolution.
- Helped developers with version control system tasks such as branching, merging, and cherry-pick changes. Worked on SCM tools like Git, Git Hub. Perform maintenance and upgrade Continuous Integration Systems.
- Expertise in coordinating and supporting merging process with source code control.
- Experience with the process of Continuous Integration and CI/deployment automation tools like Jenkins.
- Creating new build jobs, Integration testing jobs and deploy jobs in Jenkins to automate the process.
- Experience in setting up the pipeline and multibranch pipeline process in Jenkins and helping the team for release candidate builds.
- Working on Deployment procedures using middleware like Apache Tomcat, creating deploy scripts and setting for the Production Release.
- Experience managing multiple Project Object Model (POM) files using Maven, in the multi-tier environment with parent and child POM dependencies
- Extensively used build automation tools like MAVEN for the building of deployable artifacts such as war from source code.
- Experience in using Nexus and Artifactory Repository Managers for Maven builds.
- Experience with the process of deploying EAR, WAR, JAR files to application servers like Apache Tomcat
- Experience working with SonarQube a code quality control tool.
- Configure Docker container for automated testing purposes.
- Worked on creating the Docker containers, Docker container images, tagging and pushing the images and Docker consoles for managing the application life cycle.
- Deploy Docker Engines in Virtualized Platforms for containerization of multiple applications.
- Installing, Configured and management in Ansible Centralized Server and creating the playbooks to support various middleware application servers, and involved in configuring the Ansible tower as a configuration management tool to automate repetitive tasks
- Written the Ansible YAML scripts to configure the remote servers.
- Used Ansible and Ansible Tower as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
- Created, modified and customized playbook modules to fit in infrastructure requirements.
- Configuring, Automating and Deploying Ansible for configuration management to existing Infrastructure.
- Experience in monitoring tool like ITRS,nagios and Splunk .Have a good knowledge of AppDynamics
- Experience in using virtualization tools like Virtual Box, VMware and provisioning virtual machines
- Installed and Configured the Apache, Nginx, Tomcat web, application servers for Dev and Integration Test Environments.
- Knowledge of Software Development Life Cycle Methodologies Waterfall, and Agile.

Job Profile 2:   Frontier Business System Pvt Ltd

Worked as **AWS** & **Linux Engineer** on behalf of **ADP India Pvt Ltd** (Jan 2019 to Jun 2019)
- Installed, configured and Administrated of all LINUX servers on AWS,includes the design and Selection of relevant hardware to Support the installation of Red Hat 6 and 7.
- Monitor AWS resources, set a notification alarm in case of trouble through Cloud Watch.

- Experience in working on AWS and its services like AWS IAM, VPC, EC2, ECS, EBS, RDS, S3, Lambda, ELB, Auto Scaling, Route 53, Cloud Front, Cloud Watch, Cloud Trail, SQS, and SNS
- Experienced in Cloud automation using AWS Cloud Formation templates to create custom sized VPC, subnets, NAT, EC2 instances, ELB and Security groups
- Worked on Amazon Web Services, creating & configuration of EC2 instances, virtual machines to Configure with the elastic IPs, worked on security groups to resolve firewall issues. Good understanding On creating   Images for EC2 instances.
- Managing the storage using Elastic Block Storage, S3, creation of volumes and snapshot configuration.
- Created volumes and attach volumes on to EC2 instances..
- Participation and Contribution in migration of servers from current data centre to Amazon Web Services Cloud
- Configuring and Managing the Remote Server Management tools like ILO, IDRAC and Raritan.
- Configuring and Managing RAID levels 0/1/5/6/10 at hardware level and software level.
- Creating bond files for managing physical network interface and configuring it in various bonding.
- Install and Configure ISCSI, Apache, Maria DB, FTP and NFS servers.
- Installing and Configuring NTP, DHCP, PTP, SFTP, DNS, NIS and key-gen SSH.
- Patching and Integration of Linux Servers using REDHAT SATELLITE V6.4
- Configuring LVM and managing the volumes in Red hat based Servers.
- Installing Network Drivers for Solarflare and Mellanox cards.

Job Profile: -

Worked as **System Engineer** on behalf of **Infosys, Chennai**   (Dec 2017 to Jan2019)

- Installing and configuring OS like Redhat, Ubuntu Centos, and Linux mint.
- Installing Applications using RPM and YUM commands in Redhat Enterprise.
- Creating Users and Groups with special permissions.
- Installing and troubleshooting the kernel related activities.
- Creating Directory and giving File permission in Samba server.
- Installation and configuration of Network Printers
- Maintain job logs & Reports of various operation activities with schedules
- Implementation of IP tables, TCP Wrappers Services, Scheduling Jobs via cron and at.
- Troubleshooting desktop issues using Remote assistance, MSTSC, VNC.
- Managing Remote Servers through KVM &Weekly report on the basis of customer requirement.
- Taking backups using tar, Bzip2, gzip, zip & Creating GRUB password in Redhat Enterprise.
- Very much familiar with Issues resolving by **Service Desk** tool.
- File system management: ext2, ext3, ext4 & xfs utilities.
- Process administration and Management like monitoring, start /stop/kill processes
- Applied necessary patches, packages and updates.
- Adding Linux client to active directory in windows server

Job Profile 3:   Inspace Technologies Pvt Ltd

Worked as **Desktop Engineer** on behalf of **NAC Jewellers**   **(**Sep 2016 to Dec 2017)

- Installation of Operating Systems like Windows 7, 8, 10, Windows server 2008, 2012.
- Providing remote assistance and support for troubleshooting employee system issues
- Installation of Anti-virus and updating the definitions regularly.
- Installation, configuration and troubleshooting of Outlook Express, MS Outlook 2007, 2010 ,2013
- Configuration of Network printers and giving printing access to authorized users

- Active Directory User management and Group Policy management.
- File sharing and providing folder permissions based on the department.
- Installation and Configuration of Tally Server and Client.
- Installing of Anti-Spyware, anti-Virus, Updates and Upgrades.
- Basic Knowledge of switches, Routers, Firewalls.
- Very much familiar with **ADJUTAS TICKETS** tool
- Breaking passwords in windows using software and Data recovery using HirenBoot.
- Install and configure Windows DNS, Active Directory, WDS, DHCP, and FTP.

NETWORK ENVIRONMENT

- OSI Layer Concepts and Working on Cyberoam, fortigate firewall
- Configuration, troubleshooting for Cisco switch and router.
- Understanding of Network topologies, Network models, protocols, and Ethernet.
- Knowledge of VLAN, MPLS and VPN Configuration.
- Basic Knowledge of RIP, EIGRP and OSPF and Monitoring Network Protocols like telnet, FTP & SSH.

ACADEMIC CREDENTIALS

- B.E   [ARM college of Engineering & Technology, Chennai]   70.0%   2016
- H. Sc [Govt Boys Higher Sec School Guduvanchery, Chennai]   70.0%   2012
- SSLC [Govt Boys Higher Sec School Guduvanchery, Chennai]   83.0%   2010

DECLARATION

I hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief.

Place: Chennai   yours truly,