**YASER SIDDIQUI**

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**Summary**

Greatly concentrated 12 years of experience in Software DevOps engineer with a strong background in a wide variety of systems support and solution based IT services for DevOps, Cloud and Linux administration including monitoring, configuration, continuous self-improvement seeking a DevOps engineer position in a goal oriented IT environment that will utilize my existing education and hands-on skills, as well as 12 years experience to achieve the organizations objectives troubleshooting, and maintenance of operating systems and a strong advocate of team work and performance excellence.

**Work Experience**

**Software DevOps Engineer**

**Capital One**

Chicago, Illinois

March 2020 – Present

* Design and implement solutions for monitoring, scaling, performance improvement, and configuration management of systems running PaaS/SaaS applications.
* Worked on migration project of Nebula platform to Catalog exchange.
* Worked on decommission of Nebula, associated resources from cloud AWS.
* Expertise experience in version control repository systems GIT, Jenkins, scala, SVN etc.
* Worked in Installing, configuring, administration of build tools Ant, Maven etc.
* Skilled in AWS Ops services like Lambda, CloudFormation, ECS (Elastic Container Service), EKS(Elastic Kubernetes Service), EC2, S3, ASG, ALB, TG, LB, and other critical AWS services.
* Expertise in working on migration projects from ARK1-ARK2, ARK2-ACE3 on managed/Onepipeline, bogie V1 to V2.
* Working knowledge of java applications Oracle WebLogic, Red hat Jboss applications.
* Worked on migration project of on-premises VM's to AWS Cloud infrastructure.
* Steep knowledge in build and deploy Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed.
* Some of the Catalog applications are python-based, have experience working on it.
* Participated in TREx activities for failover and failback of applications to BAU.
* Hand on experience in Containerization technologies like Dockers and Kubernetes.
* Provided pagerduty on-call support for production both Nebula and Catalog platforms.
* Worked on software vulnerabilities remediation, compliance tickets for infra and applications.
* Perform regular software deployments of Nebula, Catalog applications for fresh release and hard fixes in non-prod and prod.
* Experince in buildling custom AMIs, Rehydrations, promoting to non-prod/prod, Image testing/releases.
* Worked in Agile and development techniques to drive Security, DevSecOps, Platform, Virtualization and Storage system development to enable automation.
* Perform code reviews, evaluate implementations, and provide feedback for tool improvements, Vulnerabilty remediation.
* Experince in migrating Ubuntu 18.04 to 20.04 and python 3.7 to 3.9 for all dockersied images.
* Heavily worked on buildling python, centos images and resilient with resolving conflicting dependency issues.
* Quickly troubleshoot and resolve network, hardware, software, and performance issues, including rotating on call emergency response.
* Worked on infra and service CI/CD deployments, monitoring, troubleshooting, AWS resource management.
* Well versed in DNS, Load Balancing, SSL, TCP/IP, networking, firewalls, and security provisioning.
* Worked on Hashicorp Vault for secrets management, SDP cert renewals for all catalog applications.
* Expertise in Chamber of secrets rotation on vault and Jenkins for Catalog applications.
* Setup integration for Slack, Kibana, New Relic, Datadog, Cloud Watch, Splunk for monitoring and alerts.
* Worked in Microservices design/implementation, API Management, Datasets, Container technologies, Serverless, PostgreSQL, mongo dB, MySQL, NOSQL, Caching, Messaging,.

**Software DevOps Engineer**

**CVS**

Chicago, Illinois

May 2016 to March 2020

* A GCP cloud enthusiast team with proven expertise in Automation, Build/Release engineering and Software development.
* Extensively worked on GCP infra services like Kubernetes engine, cluster setup, load balancers, firewalls, VPC, IAM roles and policies etc.
* Worked on google cloud platform (GCP) services like compute engine, cloud load balancing, cloud storage, cloud SQL, stack driver monitoring and cloud deployment manager.
* Worked on GKE topology diagram including masters, slave, RBAC, helm, kubectl, ingress controllers.
* Created projects, VPC's, subnetworks, SGs, GKE clusters for environments Dev, QA, PT, PT-DR.
* Worked on Jenkins file with multiple stages like checkout a branch, building the application, testing,pushing the image into GCR, deploying to non-prod environments.
* Created and deployed Kubernetes pod definitions, tags, labels, multi-pod container replication, managed multiple K8s pod containers scaling, auto-scaling.
* Deployed pods using replication controllers by interacting with K8s server defining through declarative YAML files.
* Worked on Rancher K8s clusters, applications and services, managing secrets and ACLs for users, groups.
* Experience in deploying applications via Argo for CI/CD automation.
* Expertise in setting up Kafka for non-prod environments on GCP, Rancher, Confluent.
* Worked on setting up infra on confluent cloud for Dev, QA, PT, PT-DR, Prod and worked on ACL's for providing access to users.
* Design and implement solutions for monitoring, scaling, performance improvement, and configuration management of systems running PaS/SaaS applications.
* Extensively worked in setting up GIT, Jenkins, Terraforms, SVN repositories for DevOps environment automation code and configuration.
* Worked in Agile and development techniques to drive Security, DevSecOps. Platform, Virtualization, and Storage system development to enable automation.
* Perform code reviews, evaluate implementations, and provide feedback for tool improvements.
* Develop automation framework for public GCP cloud infrastructure deployments.
* Performed testing e2e for customers such as OHS, OMS, MFE after setting up kafka by producing and consuming topics both from producer and consumer end.
* Experience in working on Hashi corp Vault for secrets management to create secrets engine for the app teams.
* Troubleshoot issues related to K8s clusters, workloads, node-pools, services and ingress, secrets and configmap.
* Worked on AWS for aetna customers, GCP-AWS confluent cloud and clusters deployment.

**NXP Semiconductors**

**San Jose, CA**

**August 2012 – March 2016**

**DevOps/Linux System Engineer**

• Set up and configuring of Linux (Red hat& SUSE), Ubuntu, CentOS and Solaris servers/workstations for clients.

• Wrote custom puppet modules for managing the full application stack (Tomcat/httpd/MySQL/Java).   
• Set up centralized logging and log aggregation/searching(rsyslog/Graylog/Elasticsearch).   
• Handling the scheduling tasks (Cron jobs and task scheduler) for the scripts for various purposes.   
• Troubleshoot complex issues configuration issues, applying patches, kernel upgrades, package management, diagnosing resource utilization and file system issues.   
• Daily execution of build CI/CD automation in an automated and continuous process.   
• Involved in support databases and performed MS SQL upgrades running on Windows servers.  
• Compiling code to move into test environments via automated processes.   
• Maintained existing programs/scripts and extended Linuxsystem functionality as needed.  
• Involved in development of custom tag libraries, which provides various functionalities like check-in, checkout, export, import, open, delete, search etc. on JSP pages.   
• Involved in development of customized Web applications on top of Orion Frameworks using Web technologies like JSP, Servlets, and Java script.   
• Written Oracle Admin schema using SQL, which creates Orion Oracle database instances in Oracle 10g and Oracle9i.   
• Implemented various customized java beans, which creates Windows start up services for Storage Server and Command Server, Updates registry entries, executes Oracle database schema, installs web based and console-based applications.   
• Involved in migration of code in CORBA framework to Java/J2ee framework.   
• Troubleshoot build and deploy failures and facilitate resolution.   
• Configuring network services such as DNS/NFS/NIS/NTP for UNIX/LinuxServers.   
• Improve speed, efficiency and scalability of the continuous integration environment.   
• Worked with developers to ensure new environments both met their requirements and conformed to industry-standard best practices.   
• Extensive knowledge of Linux/Windows based systems including hardware, software and applications.   
• Creating a change requests, work orders and problem tickets using Service Now tool and getting approvals from higher officials.   
• Experience in development with Perl, Python, PowerShell or other scripting languages.   
• On-call support for troubleshooting production issues.   
• Project Management for various UNIX/Linux/Windows system integration projects.   
Environment: RHEL, Solaris, AIX and Windows, ShelliPlanet4.1, Python, Sun One 6.1, IIS 6.0, Windows 2008, Linux, Shell Scripting, Oracle 9i.

**Sectorsoft India Pvt. Ltd, Hyderabad, India**

**May 2011- June 2012**

**Unix/AIX Administrator Responsibilities:**

* Support for Linux operating systems and do install at client’s place as they are resellers of computers.
* Worked with a team of system architecture in designing CPU architecture and able to read board schematics to configure the devices on the system.
* Install Software, troubleshoot, diagnose, and resolve hardware and software and connectivity problems in accordance with Service levels.
* Worked in LSF multi cluster site environment to resolve issues, Participated with infra provider service teams to setup new systems in LSF & VDI.
* Installing send mail on Linux for their outgoing mail service while they use bulk emails.
* Troubleshoot backup issues, perform manual backups & restore on VERITAS Net Backup.
* Supporting for domains hosting and domain registration and creation.
* Troubleshooting desktop and server problems.
* Account management using Active Directory such as resetting password, unlocking accounts, creating new accounts, adding users to GP, setting up email accounts on exchange server and distribution lists etc.
* Remote installation, configuration and troubleshooting of printers, software and business applications.
* Experience in troubleshooting, performance analysis, and performance optimization for embedded systems
* Created file systems, mount, umount the filesystems.
* Changed permissions of file systems, Directories, and changed the permissions of users by giving sudo access etc.
* Determining and resolving networking issues such as loss of network connectivity and missing network drives.

**Tech Stacks**

**Cloud:** AWS, GCP

**Script:** Python, bash, groovy

**Operating Systems:** Red Hat linux 5.x,6.x,7.x SUSE 8/9/10, Solaris 2.10/2.9/2.8/2.7/2.6, Ubuntu 18.04/20.04, CentOS, Suse, AIX 5.0/5.x/6.1, HP –Unix 10.20, 11.0, 11i, Windows 2003/2007/2008/2010, MAC OSX.

**Cluster:** Red hat Clustering and VERITAS Clustering.

**Virtualization:** VMware ESX4 server, VMware Workstation, and Xen.

**Education**

**Master’s in Information Technology**

Concordia University Wisconsin.

**Bachelor’s in Computer Science and Information Technology**

Jawaharlal Nehru Technological University, Hyderabad, ANDHRA PRADESH, IN.