

SYED ZEESHAN AHMED

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🏠 Mumbai, IN

DevOps

7 years experienced & result oriented DevOps Engineer possessing experience of managing cloud based technology & effectively handling configuration & deployment of infrastructure & services. Gained hands on experience in implementing core DevOps concepts such as containerisation, virtualisation, version control, cloud computing, database management & administration by using a wide variety of technologies while working with multiple DBMS, Operating Systems & scripting languages.

KEY SKILLS

- Containerization • Version Control • Database Management
- Configuration Management • Cloud Technology Management • Virtualisation • Cloud Computing
- Server Maintenance • Infrastructure Monitoring • Security & User Administration
- Shell Scripting • CRUD • Networking & Configuration • Deployment & Provisioning

TECHNICAL SKILLS

- **DBMS:** MySQL, Postgresql
- **OS:** Linux, Windows
- **Languages:** Shell Script
- **Version Control Systems:** Git
- **Automation/Build Tools:** Jenkins, Docker, Puppet, Nexus, Nagios, Sonarqube, Maven
- **App & Web Servers:** Tomcat, Apache, Nginx
- **Virtualisation:** Docker, Amazon AWS/EC2

PROFESSIONAL EXPERIENCE

CitiusTech

Senior Engineer

Mumbai, IN | 📅 Sep '16 - Present

Client: Transcend Insights

Environment: Docker, GIT, Nagios, Jenkins, Linux, Apache Tomcat, Postgresql, AWS, Puppet, Jython, Salesforce, JIRA

- Managing 50+ Linux servers and component provisioning. Handling configuration as well as deployment of infrastructure and services
- Actively contribute to the continuous improvement of development processes that enhance the performance and quality of deliverables. Got involved in designing and developing POCs as needed
- Carry out methodical investigations into technical problems to identify the root cause and proposed solutions to resolve them
- Working closely with Engineering Team on Salesforce/JIRA tickets to support and maintain developed DevOps solution to meet agreed service level targets and quality objectives

Tier 3 Application Production Support

- Assist Clients Services with troubleshooting errors that occur in the applications
- Analyze stacktrace errors with applications logs tp determine whether the error is user-based or code-based
- Conducted code reviews and making changes to Jython scripts after coordination with Engineering Team as per business requirement

Deployment,Verification and Configuration Management

- Multiple component deployment every Engineering sprint
- Deploy and validate the latest version of each application component to ensure application behaviour is expected
- Deploy and Smoke Test the latest version after Engineering Team completed their test and provided a stable build
- Provide adminstrative support and configuration changes for servers
- Using Puppet create manifests to deploy software components to multiple nodes and ensure servers have the latest

- OS, security etc. versions that are compatible with the applications
- Initialize linux packages including SSL certificates and keystores
- Constantly monitored the up-time of the infrastructure using status of all components sent by the Nagios client
- Creating alerts for services and managing server certificates. Updating the keystore with certificates to avoid traffic disruption.
- Managing and setting up LVM on Linux servers to avoid disk space issues.
- Configure CPU, memory and disk partitions as required

Build Engineering

- Review and troubleshoot build failures
- Create/Debug new branching strategies
- Created server and components by application of Virtualisation Concept using Docker
- Implement strategies for continuous integration/deployments using Jenkins/Artifactory/GIT

Cloud technology management

- Managed the infrastructure, avoided single point of failure, monitored RAM CPU space
- Played key role in establishing the entire cloud based distributed computing infrastructure for the product
- Employed ELB service of AWS to conduct load balancing for handling a constantly increasing user base. Used the Auto Scaling service to ensure scalability and reliability
- AWS security group definitions; DMZ web proxies; environment wide PKI management

Travelex

Senior Software Analyst

Mumbai, IN | 📅 Apr '13 - Sep '16

Environment: *GIT, Nagios, Linux, Apache, Tomcat, Oracle DB, GNUPlot, LANDesk*

- Maintaining and Supporting Compliance Application Servers on Linux Platform (Production/DR)
- Resolving tickets from users on LANDESK related to servers and application
- Troubleshooting application server, databases and basic network configuration issues
- Build, Configuration and Deployment of Product on Tomcat servers
- Coordinating with Development, Testing and Change Control Team for deployment activities and server patch upgrades

Business Continuity Process Activity

- Part of regular BCP activities involving maintenance of DR/Dark PROD servers
- All DR servers were tested during the BCP window in each quarter of the year as backup for any emergency situation
- The Testing included end to end application flow by end users to ensure smooth functioning of all services on server. The DB connections and the relevant application configurations were to be in place

Automations

- Automating housekeeping and sysadmin activities on servers using Bash/Shell scripts
- Used GNUPlot utility on bash to create graphical report for viewing application health to be distributed among managers

Server Maintenance & Infrastructure Monitoring

- Setup Nagios server & installed Nagios Plugin on each running host machine as a client
- Maintaining Users & Groups Hierarchy, File Management on servers

Larsen & Toubro Infotech

Software Engineer

Mumbai, IN | 📅 Feb '11 - Apr '13

Client: Citi Financial Group

Environment: *Linux, Oracle DB, Pro*C*

- Managing 200+ Pro*C files while automating and handling configuration. The deployment of codes and services using Shell scripts
- Developed Pro*C Code from the stage of compilation of source code to testing of executable files on new environment
- Build the Pro*C code base for deployment to Staging server and then to Prod
- Performing fixes to the Pro*C files during Test

Application Migration

- Undertook measures to migrate the Equity Application onto a new upgraded Infrastructure. The Database was upgraded from Oracle 9i to Oracle 11g. The application was moved from Solaris 8 to Solaris 10

Automation

- Distinctively developed the core-java tool to compare the schema from two different versions of databases along with automation using shell script for file comparison and report generation to cut down on manual efforts
- Write bash script(Makefiles) for code build

Testing

- Shell scripts to print differences as well as similarities onto a log file thus validating the migration of the database from one environment to another and facilitating the testing phase of the project
- Deftly executed the entire batch cycle in parallel with the Live cycle to ensure that all was in place before handing over to support

EDUCATION

Visvesvaraya Technological University , Belgaum

B.E - Information Science & Engineering

Bangalore, IN |  Aug '06 - Jul '10

Sri Revana Siddeswara Institute of Technology

- Percentage: **67%**

CERTIFICATIONS

AWS Solutions Architect - Associate

Red Hat Certified Engineer (RHCE)

ITIL Certified
