

## DevOps Engineer

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### Professional Summary:

- A competent professional with 7.4 years of overall IT and 3.2 years of experience in DevOps Engineering and AWS (Amazon Web Services) Cloud Platform.
- Well versed with DevOps tools like Version control systems- GIT and source code management tools like GitHub.
- Experienced with Continuous Integration/Continuous Delivery methodologies like Jenkins and good knowledge on Build tools such as Maven.
- Automated build and deployment process with Jenkins and Maven, eliminating 80% of manual work.
- Experienced with Docker container service and Docker applications by creating Docker images from Docker file and good knowledge on Orchestration tools like Kubernetes.
- Implemented automation using Configuration Management tools like Ansible.
- Experience in IT infrastructure Monitoring tools such as Datadog and Cloud Watch.
- Worked on ticketing tool like JIRA.
- Experience with Amazon Cloud (AWS) including EC2, VPC, IAM, S3, RDS, Route 53, SNS, Terraform for cloud Automation.
- Performed S3 replication with in the account and cross account.
- Experience in using tools like Terraform containers Docker, Scripting languages like Linux, windows, Shell Script.
- Good Knowledge on building a virtual data Centre in the AWS cloud to support Enterprise Data Warehouse hosting including Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups, Route Tables.
- Worked on various operating systems like Linux, CentOS, Ubuntu and Windows and web servers like Nginx and Apache webserver.
- Possess high working qualities with good interpersonal skills, motivated team player and willingness to learn continuously.
- Understanding of DevOps key concepts like infrastructure as code and advantage of agile over waterfall model.
- A thorough understanding of DevOps process and best practices
- CI/CD setup, repository branching strategies using Git/BitBucket,
- Experience in Creating branches, tags, user locking, branch locking, and Daily Activities Included Force builds, daily patches.
- Responsible for the installation procedures and systems including source code control and issue tracking.

- Good communicator with exceptional analytical, client management, relationship management and coordination skills.
- Worked with vendors and other departments to improve quality of products and test yields.
- Streamline troubleshooting process to improve system support and enhance communication between support team and end-users.
- Negotiated with vendors, outsource contractors to secure contracts and set SLAs.
- Maintained stability, integrity and efficient operation of information systems supporting organization functions.
- Responsible for operations and monitoring of systems hardware, Software, operating system and infrastructure
- Managing Wintel (windows and Linux servers monitoring)
- Experience in configuring virtual machines, resource groups.

### Technical Skills:

<b>Operating Systems</b>	Linux, Windows
<b>SCM tools</b>	GIT, Stash
<b>Automation / Build Tools</b>	Maven
<b>CI/CD Tool</b>	Jenkins
<b>Containerization</b>	Docker, Kubernetes
<b>Web/App Servers</b>	Apache Tomcat
<b>Code Quality</b>	SonarQube
<b>Configuration Tools</b>	Ansible.
<b>Repository Manager</b>	Nexus
<b>Container Orchestrators</b>	RedHat Open Shift, Kubernetes
<b>Cloud-based server</b>	AWS
<b>Monitoring tools</b>	Spulnk, Nagios
<b>Database</b>	MySQL, Oracle
<b>Scripting</b>	Shell Scripting
<b>Cloud Computing services</b>	AWS

### Professional Experience:

Currently working in CGI Information Systems and Management Consultants Private Limited, Bengaluru from January -2018 to till date.

#### **Project #1**

**Client: Bell Canada Enterprises**

**Duration: January 2020– Present**

**Responsibilities:**

- Leading engagements & assignments to ensure successful and timely delivery of output with high quality and in accordance with client's needs & expectations
- Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using GIT source control.
- Maintain GIT Repositories, Handling Releases and Branching activities for GitHub.
- Created jobs in Jenkins and built pipeline for continuous integration & deployment using Jenkins.
- Taking periodic backups of Jenkins job, restoring in case of there is any issue with Jenkins.
- Solution Engineering for CI / CD and process improvements.
- Have knowledge on Docker containers, creating Docker files, Docker Swarm to perform orchestration and cluster management.
- Continuous Integration & Continuous Deployments to meet the Agile requirement.
- Created users in Dev, QA, Prod environment with IAM and assigned roles for them to use different AWS services with restricted access.
- Understanding the client environment, administrating and creating solutions using AWS services, CI/CD, GIT, and Docker.
- Performed S3 replication with in the account and cross account.
- Used Ansible for configuration management, continuous application deployment & servers provisioning.
- Writing Ansible playbooks using YAML to manage the servers and deploy.
- Worked with Development team and testing teams to establish a build schedule, execute the builds and troubleshoot build failures, if any.
- Worked closely with software developers and DevOps to debug software and system problems.
- Creating S3 buckets and managing policies for S3 buckets and Utilized S3 bucket for storage and backup on AWS.
- Working with cross functional, distributed team to provide 24X7 deployment support across multiple environments.
- Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.

**Environment:**

GIT, Jenkins, Docker, Kubernetes, Ansible, JIRA, AWS, SQL, SSIS

**Project # 1****Client: TalkTalk Group****Duration: Jan 2018– Jan 2020****Responsibilities**

- Monitor Client servers, which are located in various data centers using with different monitoring Tools
- Responsible for alerts monitoring, incident handling and incident creation for Server related issues.
- Performing Sanity/Health checks in our current Monitoring environment.
- Try to trouble shoot and Escalating the Low Disk space, CPU/Memory Utilization, Service Down alerts to appropriate team for further investigation as per the severity defined by the client.
- Responsible to ensure 100% SLA.
- Involved in documentation of any changes/deviation in the current process/procedure and informing reports of Sanity checks to Stakeholders On-time.
- Decom of Physical and virtual servers (Wintel) as per SCON Process.
- Proving Logs (AHS, ADU, IML, Cisco technical logs) with the Vendors (Hardware Failure) and follow up for the replacement.
- Engaging Server form and Hardware Support Vendors.

**Worked with IBM India Private Limited, Bengaluru:**

Designation: System Administrator

Duration: From 06/04/2015 to 16/06/2017

**2.2 years of Experience Summary in IBM:**

- Monitoring of Multi client servers for events located in various data centers. Responsible for alerts monitoring, incident handling and incident creation for Server related issues.
- Worked in Multiple platforms (Windows, Unix, Linux)
- Took care of CPU utilization issues, Memory Usage issues, Drive issues, SAP Jobs, Hardware issues and tickets.
- Managed Server down issues
- In one Environment used to restart the servers if the server was down using the Vcenter
- We monitor the Distributed mailbox for customer E-mails and automated alerts and Ticketing tools for Auto tickets
- Depending upon the issue we raise the tickets for automated alerts, customer E-mails and as per the severity of the tickets we engage the platform teams as required
- During Priority 1 issues contacting the Server Support team, SDMs, Application team and Managing the group chat, opening the bridge call and creating, updating the one view until the issue is resolved
- Familiar with Multiple ticketing tools such as Service Now, Maximo, BMC Remedy and Impact.
- Familiar with Redwood RMJ tool for SAP Jobs.

- We work on Job abends using the Redwood RMJ tool. We Monitor, rerun, Cancel SAP jobs and interact with the job owners as per the run book when a job abend takes place.

### Education:

Bachelor of technology from JNTU University, Hyderabad Year 2008-2012.

### Personal Profile:

Name: Kishor Kumar Thadiboina

Date of Birth: 03- 06 -1991

Nationality: Indian

Languages Known: English, Hindi and Telugu.

The above furnished information is true to the best of my knowledge.

Date: 11/03/2023

Place: Bengaluru

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