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| **SAYED AHAMMAD DevOps Engineer** |
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| **Professional Summary** |

IT Professional with **4+ Years** of Experience in Devops Engineer, Skilled at operating in a wide range of platforms like **Linux, AWS** and **DevOps.**

* Responsible for ensuring stability, continuity and availability of the applications. Configure, manage, and deploy multiple number of applications in platform Linux/Unix
* Infrastructure setup and management on AWS cloud.
* Experience in Amazon Web Services like Elastic Compute Cloud (EC2), Elastic Load Balancers, Elastic Container Service, S3, Cloud Front, Elastic File system, RDS, Route53, Cloud watch, Cloud trail and Cloud Formation.
* Installing and configuring applications on AWS EC2 Instances.
* Creating variety of dashboard using AWS Cloud Watch.
* Setting up and maintain Databases like MYSQL.
* Scheduling various jobs in Linux through Crontab.
* Automate deployments by using scripting languages like Shell Scripting. Familiarity with Shell Scripting and automation.
* Virtualized the servers using the Docker.
* Experience in Ec2 container service and Docker engine to deploy the micro services-oriented environments for scalable applications.
* Managing build and release activities.
* Creating jobs in Jenkins and troubleshooting failure jobs.
* Working in Jenkins for automating Builds.
* Used MAVEN as a build tool on java projects for the development of build artifacts on the source code.
* Involved in setting up the CI/CD pipeline using **Jenkins, Maven, GitHub, Ansible and AWS.**
* Integrated Git Hub as Git repository and s3 as Artifact repository with Jenkins
* Ability to manage SCM processes which include compiling, packaging, deploying and application configurations.
* Supported deployments into DEV, QA, Pre-Prod & PROD environments with multiple application server technologies like **Apache Tomcat.**
* Worked with **Docker** and created multiple containers and images and also had experience on writing the **Dockerfile**.
* Docker container deploying microservices, and scaling the deployment using **Kubernetes**.
* Used **Ansible** as configuration management tool and also used for continuous deployments.
* Monitor infrastructure using AppDynamics, Datadog and Cloudwatch.
* Monitoring Load average, CPU usage, Disk Space Usage, Memory Utilization for all Linux servers on a daily basis through monitoring tool.
* Knowledge on Basic Python programming.

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| **Technical Skills:** |

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| Cloud Technology | AWS |
| SCM Tools | GitHub |
| Infrastructure Provision | Terraform |
| Scripting Languages | Shell Scripting,python |
| CI Tools | Jenkins |
| Configuration Tools | Ansible |
| Application Servers | Apache Tomcat |
| Containerization Tools | Docker |

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| **Professional Experience** |

Currently working as DEVOPS engineer at Perform Media India Pvt Ltd as a From DEC-2015 to till date.

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| **DevOps engineer**  **Project: Perform Media India Pvt Ltd.**  **Project**  **Description:**  **Perform Group is a holding company of a group of digital media enterprises. Its operating division includes content distribution, subscription, advertising and sponsorship, and technology and production, provides Video live streaming and live text commentary for all sports like Football, basketball and horse racing etc..**  **Clients: Dazn live streaming, Eplayer, WTA, FTA, TennisTV.com, Premier League, Goal.com, etc..**  **Summary: Providing digital content, Live Streaming, Live Text commentary through different delivery methods**  **DEC-2015– Present** |

**Key Deliverables:**

* Launching and configuring of Amazon EC2 Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications
* Configuring and Networking of Virtual Private Cloud (VPC)
* Used Security groups for instances and configured NACLS in Virtual Private Cloud (VPC) to manage network security.
* Created Instances in **Apache Web Server** and **Apache Tomcat** application server in QA and Production environments.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS) Created users and groups using IAM and assigned individual policies to each group.
* Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance.
* Creating the **AWS Security** groups to enable firewall.
* Creating/Managing DNS records on Amazon Route 53 and go-daddy panel.
* Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
* Implemented the automation scripts (shell Script) for deployment process to different environments.
* Managed **AWS EC2** instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers for GIT and Ansible.
* Worked on setting up **AWS VPC**, launching **AWS EC2** instances in different kinds of private and public subnets based on the requirements.
* Setting up the **CloudWatch** alerts and alarms for **EC2** instances state changes and using in auto-scaling for providing elasticity.
* Created and managed **IAM** users & groups, defining roles and policies and Identity providers and used them to restrict access to certain buckets.
* **Integrate GIT into Jenkins** to automate the code check-out process.
* Used **Jenkins** for automating Builds and Automating Deployments
* Configured and maintained **Jenkins** to implement the **CI process** and integrated the tool with **Ant and Maven** to schedule the builds..
* Creating and Building jobs, CI/CD, and Configuration, trouble-shooting of Jenkins.
* Maintain and enhance current build procedures for all software development projects.
* Prepared Maven builds and integrated to CI Environment for build automation activity.
* Built end to end **CI/CD** pipelines in Jenkins to retrieve code, compile applications, perform tests and push build artifacts to **s3**.
* Installed and configured Jenkins with different tools (plug-ins) for continues integration process. Installation and configuration of Tomcat for different project teams.
* Involved working on Ansible as configuration management tool to automate repetitive tasks and to deploy applications.
* Supported and deployed to web application servers such as **Apache Tomcat, nginx** servers.
* Used **JIRA** for all our projects in scrum methodology for creating stories and giving points to the stories, and updated stories as per our sprints.
* Analyze and resolve compilation and deployment errors related to **code development, branching, merging and building of source code.**
* Connected continuous integration system with GIT version control repository and continually build as the check-in’s come from the developer
* **Integrate GIT into Jenkins** to automate the code check-out process.
* Responsible for User Management, Plugin Management and End-to-End automation of Build and Deployment process using Jenkins.
* Docker container deploying microservices, and scaling the deployment using **Kubernetes**.
* Used **Kubernetes** to deploy scale, load balance, scale and manage Docker containers with multiple names spaced versions.
* Writing basic aws Python script like Inventory file, read and write s3 bucket
* Implemented the automation scripts (Batch, shell Script) for deployment process to different environments.

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| **Education:** |

* Completed B.Tech (CSE) from JNTU Anatapur in the year 2015.