# Name: Akhil Goud Koyyada

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# PROFESSIONAL SUMMARY:

* 1.4 years of experience as a **DevOps / Build and Release Engineer** in DevOps, Cloud platforms, Source Code Management, Build and Deployment Automation, Release Management, CI/CD (Continuous Integration / Continuous Delivery) and cross-platform environments.
* Experience in **Azure** IaaS/PaaS services like compute Azure Virtual Machines, Web and Work roles, VNET, Network services, Azure DevOps, SQL Databases, Storages, Azure Active Directory, Autoscaling, PowerShell automation, and Proficient in DevOps essential tools like Ansible, Docker, Git, Jenkins, Maven, Gradle, NPM.
* Experience in writing **Azure Resource Manager** (ARM) templates to deploy, update and delete multiple resources in Azure and migrating the on-premises resources to Azure with Azure Site Recovery (ASR) and Azure backups.
* Experienced in Amazon **AWS** cloud services like: EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Security Groups
* Expertise in Application deployment and environment configuration management using **Ansible**.
* Used Terraform for Infra provisioning against Azure and AWS
* Expertise in installing, configuration and administration of webservers such as **Tomcat**.
* Expertise in systems performance monitoring & tuning: CPU, disk, memory and network utilization.
* Extensive Experience in **Jenkins** master-slave configuration for multi machine builds.
* Familiar with designing and deploying container-based production clusters using **Docker** and

# Kubernetes.

* Experienced with Docker, building Docker images using **Dockerfiles**.
* Having knowledge on setting up and managing Docker private repository.
* Used Kubernetes to manage containerized applications using its nodes, Config Maps, selector, Services and deployed application containers as **Pods**
* Used Atlassian’s tool JIRA in Issue tracking / bug tracking and used confluence for knowledge management.
* Involved in configuring various **Jira** workflows, customizations and plug-ins for bug/issue tracking and integration of Jenkins with Jira/GitHub.
* Involved in **Branching, Tagging and Merging** of code delivery at required releases.
* Building secure Infrastructure configuration and automation in Cloud.
* Setup code repositories Like **GIT**, SVN, Visual SVN, and Tortoise SVN and managed plugins for Jenkins for scheduled automatic checkout of code.
* Strong hands-on experience in scripting languages such as **Groovy, Yaml, Powershell and Shell Scripting**
* Experience in batch monitoring and setup, automations, release, and deployment activities.
* Extensively worked on reviewing scripts to ensure smooth run of jobs and scheduling jobs through crontab and Jenkins.
* Worked for Agile Projects and familiar with Agile methodologies.
* Proactively identified the scope for process improvements/enhancements, root cause analysis of critical issues and develop solutions to mitigate them.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Good knowledge in ITIL process and Shell scripting.

**TECHNICAL SKILLS:**

* **Area of work:** CI/CD, Environment provisioning, Configuration Management and SRE
* **OS Exposure:** Unix, Linux, Windows
* **Cloud:** Azure, AWS
* **Build Tools:** Maven, Gradle, NPM
* **Configuration Management:** Ansible, Terraform, Chef
* **Containerization Tools:** Docker, Kubernetes
* **Web Servers:** Apache Tomcat, JBoss
* **Continuous Integration Tool:** Jenkins, Azure DevOps, Bamboo and TeamCity
* **Version Control Management:** Git, GitHub, Bitbucket
* **Scripting:** Shell, Power Shell
* **Artifact Management**: Nexus, Artifactory
* **Project Management:** Service Now and Jira, Grafana, Prometheus

# CERTIFICATIONS:

* AZ-400 - Trained
* AWS Solutions - Trained

# WORK EXPERIENCE:

# Worked at Angard Staffing Solution Ltd

System security Engineer

March 2022 to Jun 2022

# Responsibilities:

* Assisted in providing infrastructure components including servers databases and networking resources using tools like terraform ansible did SOP documents.
* Participated in various POC and implementations with Observiceability Team.
* Participated in CI/CD Pipelines implementation to automate build and testing and deployments.
* Contributed to configuration management for application environments using Ansible.
* Assisted setups for managing of environment sand monitoring and logging to tracking systems and generating reports.
* Supported for security initiatives by following best practised like vulnerabilities scanning and bug fix and ensuring in compliance with organizational standards
* Contributed to documentation like by creating run books and some technical articles inside team to use updating in confluence
* Supported for management of clouds and cloud based infra and services commission and decommission for different services and workloads.
* Automated few scripts for alerting in clod platform.

**Working at Aravina infomedia private limited**

DevOps Engineer Sept 2019 - Jan 2021

# Responsibilities:

* Function as an Infrastructure Engineer working closely with multiple teams for automation, managed operations and cloud security.
* Responsible for keeping up multiple environments (Dev, QA, staging, production).
* Experienced in implementing Azure services such as Azure Active Directory (AD), Azure storage, Azure cloud services, IIS, Azure Resource Manager (ARM), Azure Blob Storage, Azure VM, SQL Database, Azure Functions, Azure Service Fabric, Azure Service Bus.
* Involved in setting up virtual machines, networks, storage accounts, load balancers, and other resources
* Monitored the performance and health of Azure resources, employing Azure monitoring tools and services.
* Configured network security groups as well as identity and access controls and monitored security events to ensure the security and compliance.
* Created run-books for patching operating system of all the environments to carry out the OS patching smoothly and worked with application SME for functional testing after all the instances are patched.
* Developed Ansible Playbooks and configured jobs in Ansible Tower for configuration management such as hardening, deployments, etc., on various servers.
* Developed and implemented CI CD pipelines using Azure DevOps.
* Involved in migration of source code from BitBucket to GitHub
* Worked on migration of Bamboo plans to Azure DevOps
* Involved in design and implementation of Branching Strategies
* Configuring GitHub workflow by enabling protection rules and pull requests.
* Providing L3 support to both monolithic and micro-services applications hosted on Azure as well as on-prem
* Ensuring high availability of the applications by configuring alerts on Dynatrace and ELK stack to monitor continuously.
* Involved in the centralized logging and monitoring stack of Elastic search, Log stash, and Kibana to built real time monitoring dashboards to ensure high availability of the Cloud Control Plane
* Take care of changes right from initiating RFCs, acquiring approvals (TAB/CAB) to successful implementation without any outage in production environment.
* Coordinate with Incident Management Teams and handle high priority tickets as well as war room scenarios.

* Batch scripting for automation.
* Responsible for critical system updates/changes and perform impact analysis of the application patches (hotfixes and enhancements) in lab environments.
* Identify the scope for process improvements and work towards implementing them.
* Conducting daily stand ups to discuss the daily progress.
* Preparing Daily Dash Boards, Weekly and Monthly Status Reports

# ACADEMIC QUALIFICATIONS:

* **Masters** in Cybersecurity and technology
* **Bachelors** in Electronics & Communication Engineering with 64.62 percentage from Vardaman college of engineering, India in 2019