**Revanth R CH**  Website: [www.revanthreddych.com](http://www.revanthreddych.com)

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Career Objectives

Seeking a growth-oriented carrier in the world of Information and Cloud Technologies, where I have more scope to learn, teach & nurture my knowledge by working on diversified protocols of applications.

Experience Summary:

* Having 3.5 years of experience in the fields of automation, configuration management and cloud services
* Experience in RedHat Linux System Administration.
* Hands on experience in AWS provisioning and good knowledge of AWS services like EC2, S3, Glacier, ELB, RDS, IAM, Route 53, VPC, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Security Groups, Lambda.
* Experience in managing infrastructure resources in cloud architecture with close coordination with various functional teams.
* Hands on Docker and knowledge on Kubernetes.
* Experience in creating Dockerfile and Docker Compose files.
* Experience in installing, configuring, and administering Jenkins.
* Experience with Version Control Systems like GIT.
* Skilled in monitoring servers using Cloud watch and ELK.
* Knowledge on Jira Tool.
* Good experience on Terraform.
* Automating AWS services using Terraform.
* Experience in understanding Terraform variables, modules, providers and output.
* Monitor, build and deploy software releases and provide support for production deployments.
* Experience in troubleshooting build and deployment failures.

Technical Skills Summary:

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| --- | --- |
| Operating Systems | **RHEL, Windows** |
| Version Control Tools | **GIT and GITHUB** |
| Scripting Languages | **Shell Scripting** |
| Servers | **Apache, Nginx** |
| CI/CD Tools | **Jenkins** |
| CDN | **Cloud-Front** |
| Cloud | **AWS** |
| Monitoring tool | **CloudWatch** |
| Containerization Tools | **Docker** |

Education Qualification:

* Post-Graduation from FANSHAWE COLLEGE, London, Ontario, CANADA – August-2019
* Bachelor of Technology from JNTU, Hyderabad - 2017.

Work Experience:

**INNOMINDS SOFTWARE PVT LTD (July-2021 to February 2022)**

**NEXUS SOFTWARE LIMITED, BANGALORE (2022 March-Present)**

**AWS & DevOps**

* Responsible for planning, coordinating, and executing Dev Ops projects including the following responsibilities.
* Involved extensive work towards code compilation, packaging, building, debugging, automating, managing, tuning, and deploying code across multiple environments and Linux Administration.
* Worked on Amazon Cloud Services and its features (AWS EC2, VPC, EBS, AMI, snapshots, Autoscaling, Cloud Formation, Lambda, SES, SQS, SNS, RDS, ELB, EBS, CloudWatch, S3 etc).
* Installing and Configuring AWS CLI.
* Experience in creating and Building S3 buckets and managed policies for S3 buckets and used S3 bucket and Glacier for storage and backup on AWS.
* Configured S3 to host Static Web content.
* Performed major & minor upgrades instances using command & GUI mode.
* Re-sizing multiple RDS instances to make cost effective environment.
* Created automated CloudWatch dashboards for EC2 instances through lambda function.
* Worked on SES, SNS.
* Assigning Roles and Policies to Users, Security Groups by using Identity and Access Management (IAM)
* Configured AWS Identity Access Management (IAM) Group and users for improved login authentication.
* Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances.
* Setting up Elastic Load Balancer to distribute incoming application traffic across multiple EC2 instances and excellent knowledge on Amazon S3, SNS/SQS, Route53 and other services of AWS Family.
* Deployed EC2 instances, attached security groups, attached profiles and roles using AWS Cloud Formation.
* Integrated Amazon Cloud Watch with Amazon EC2 instances or monitoring the log files and track metrics.
* Configured Elastic Load Balancers with EC2 Auto Scaling groups
* Creating CDN for reducing network latency and improve the performance of the website. (CloudFront)
* Good Knowledge in Managing Partitions and File Systems.
* Worked on LVM and Disk management.
* Backup & Restore (tar, gzip, bzip2), scp, rsync, scheduling of tasks using crontab
* Defined branching, labeling, and merge strategies for all applications in Git.
* Worked on CI/CD tool Jenkins to automate the build process from version control tool into testing and production environment.
* Automated system deployment, monitoring, alarming, and scaling in the Cloud.
* Strong knowledge and understanding of network technologies (TCP/IP networking, SSL, Firewall, Proxy, Load Balancing)
* Installation of Docker, Running Docker Containers, Creation of Docker Images
* Knowledge on IIS server.
* Working on Bridge cases (Sev1, Sev2, Sev3, Sev4 - Fault analysis & resolution), raising incidents, and Closing cases.
* Health Checks and Status reporting on Executive calls.
* Have excellent problem solving, time management skills, ability to learn new things.
* Creating AWS services using Terraform
* Installation and Configuration of CICD tools in Amazon EC2 Instance.
* Creating users and groups on Jenkins
* Installing Jenkins plugins based on the requirements
* Created Docker images, Docker containers and pushed to Docker hub Registry.
* Working with cloud watch graphs.
* Deploying applications in Nginx server.
* Created mail notification once the job is failed.
* Creating AMI’s from instances.
* Creating snapshots for volumes.
* Creating security groups, changing rules and restricting access.
* Creating EBS volumes and attaching to instances and creating partitions and drives.
* Configured server monitoring using CloudWatch.
* Associating elastic IP’s to the instances.

**Revanth CH**