

# Revanth R CH

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## CAREER OBJECTIVES

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Results-driven and highly skilled DevOps Engineer with 5+ years of hands-on experience in Cloud Infrastructure, automation, and CI/CD seeking a growth-oriented career 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.

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## EXPERIENCE SUMMARY:

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- Around 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 in-depth understanding on AWS services like **EC2, S3, Glacier, ELB, RDS, IAM, Route 53, VPC, Auto scaling, Cloud Front, Cloud Watch, Security Groups and Lambda**.
- Experience in managing infrastructure resources in cloud architecture with close coordination with various functional teams.
- Expertise in writing **Ansible** playbooks, to configure the AWS servers, services.
- Hands-on on **Docker**.
- Experience in creating Docker files.
- Hands on experience on different type of **Kubernetes** clusters setup like **EKS**.
- Provision of **EKS clusters** using **Terraform**.
- Experience in writing **Kubernetes manifests files** to deploy Kubernetes resources like **Deployment, service, replica sets, Ingress controllers** and Ingress, config map.
- Experience in installing, configuring, and administering **Jenkins**.
- Experience with version control systems like **GIT**.
- Hands-on experience on **Cloudwatch** to monitor services like EC2, RDS, ELB.
- Monitored system performances and application logs using **Prometheus** and **Grafana**, ensuring system health and reliability.
- Experience on **Jira** tool.
- Good experience on **Terraform** and **Terraformer**.
- 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.
- Worked on Jenkins for **continuous integration** and end-to-end automation of all builds and deployments, including pipeline job setup and upstream/downstream job configurations.

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## TECHNICAL SKILLS:

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Operating Systems	<b>Ubuntu, RHEL</b>
Amazon Web Services	<b>AWS EC2, ELB, VPC, RDS, IAM, Route53, S3, Cloud Watch, Cloud Front, EBS, SNS, EBS, NAT Gateways, Subnets, Security Groups, NACL's.</b>
Build/Automation Tools	<b>Maven, Ansible, Jenkins, Docker, Kubernetes.</b>

Databases	<b>MySQL, RDS</b>
Scripting Languages	<b>Shell Scripting, YAML, Groovy</b>
Version Control Tools	<b>GIT Hub</b>
Monitoring Tools	<b>Cloud Watch, ELK</b>
Bug Tracking Tool	<b>JIRA</b>

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## EDUCATION QUALIFICATION:

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

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## WORK EXPERIENCE:

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### HELPSHIFT TECHNOLOGIES PVT LTD

(March 2025 - July 2025)

#### Senior DevOps Engineer

- Led the migration of infrastructure to Infrastructure as Code using **Terraform, Terraformer**.
- Built and managed **Jenkins** pipelines to automate builds, tests, and production deployments.
- Spearheaded the management of **AWS Reserved Instances** and **Savings Plans**, achieving cost reductions up to 56%.
- Built AWS CLI scripts and automation around Cost and Usage Reports (CUR) to monitor commitment utilization.
- Integrated **Atlantis** with GitHub to automate Terraform pull request workflows, enabling infrastructure-as-code deployment through CI/CD.
- Configured **.atlantis.yaml** for project-based workflows, custom plans, and secure approvals, improving collaboration and change control.
- Implemented feature-branch-based Terraform workflows with restricted access to state files and production resources, increasing infrastructure governance.
- Initiated adoption of **Terraform Nomenclator** to standardize naming conventions across Terraform modules and resources.
- Worked on developing and testing custom naming strategies aligned with organizational policies and infrastructure standards.

### COREFRONT TECHNOLOGIES PVT LTD

(March 2022 - March 2025)

#### DevOps/AWS Engineer

- Responsible for planning, coordinating, and executing Dev Ops projects.
- 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, Lambda, SES, SNS, RDS, ELB, EBS, CloudWatch, S3** etc.).
- Worked closely with application team and support on various performance and configuration issues on daily basis and planned release schedules with agile methodology.
- Experience in creating and building S3 buckets, managed policies and used S3 bucket and Glacier for storage and backup on AWS. Configured S3 to host Static Web content.
- Re-sizing multiple RDS instances to make cost effective environment.
- Assigned Roles and Policies to Users and Security Groups by using Identity and Access Management (**IAM**) 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 having 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 Terraform
- Implemented a production ready, load balanced, highly available, fault tolerant Kubernetes infrastructure and created Jenkins jobs to deploy applications to **Kubernetes Cluster**.
- Creating CDN for reducing network latency and improve the performance of the website. (CloudFront).
- Worked on CI/CD tool Jenkins to automate the build process from version control tool into testing and production environment.
- **Created EBS volumes and attaching to instances and creating partitions and drives.**
- Worked with Groovy scripts in Jenkins to execute jobs for a continuous integration pipeline where Groovy Jenkins Plugin and Groovy Post Build Action Plugin are used as a build step and post build actions.

## INNOMINDS SOFTWARE PVT LTD

(July 2021 – February 2022)

### DevOps Engineer

- Supported 24x7 production computing environments. Experience providing on-call and weekend support.
- Installed and worked on configuring **AWS CLI**.
- Deploying and validating the applications automated through the **Jenkins pipeline** using **pipeline groovy script**.
- Used **JIRA** as the bug tracking tool to review and fix the bugs and as Scrum Agile tool.
- Performed major & minor upgrades instances using command & GUI mode.
- Strong knowledge and understanding of network technologies (TCP/IP networking, SSL, Firewall, Proxy, Load Balancing).

## CAPITAL TECHNOLOGIES LIMITED

(December 2019 – June 2021)

### DevOps/AWS Engineer

- Created **Docker images, Docker containers** and pushed to Docker hub Registry.
- Extensive knowledge on working with cloud watch graphs.
- Deployed applications in **Nginx** server.
- Performed all necessary **GIT** configuration support for different projects and worked on branching, versioning, labeling, and merging strategies to maintain GIT repository and GIT Hub.
- Created email notification once the job is failed.
- Creating **AMI's** from instances.
- Creating snapshots for volumes.