

MANOJ M

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Professional Summary

Results-driven, over-all 4.5 years of experience in IT industry with 3.5+ Years of experience on DevOps and AWS services. Proven expertise in building and managing cloud infrastructures, deploying applications, and troubleshooting issues. Proficient in AWS services and Agile project management tools, skilled in containerized solutions, and experienced in CI/CD pipeline implementations. Eager to contribute to innovative cloud-based solutions and play a key role in advancing the company's mission.

Technical Skills

Operating Systems	:	Linux and Windows.
AWS (Cloud Technology)	:	EKS, EC2, VPC, S3, IAM, SQS, SNS, Cloud Watch, EFS, ELB, Auto Scaling, RDS, DynamoDB, AWS CLI, Cloud Trail, Cloud Front, Route53, lambda functions, RDS, Cloud Formation, Elastic beanstalk, amazon Sage maker.
DevOps Tools	:	GIT, Terraform, Docker, Ansible, Jenkins, Kubernetes.
Monitoring	:	CloudWatch, Prometheus, Grafana.
Database	:	SQL, MongoDB
Scripting	:	Shell/Bash, Python.
Ticketing Tool	:	Jira.

Professional Experience

Han Digital Solutions

Aug 2024 to Jul 2025

Bangalore, India

- Setting up the **GIT** repos for Jenkins build jobs.
- Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds and Performed continuous Build and Deployments to multiple environments like Dev, QA and UAT.
- Creating S3 buckets and managed policies for S3 buckets and utilized S3 Buckets for storage, backup and archived in AWS.
- Custom **Helm chart** for the Kubernetes packages for custom deployments.
- Automated AWS resources using **Terraform**.
- Implemented security measures in **Bash scripts**, ensuring secure handling of credentials and sensitive information during automated processes.
- Instance Tag Management Jenkins job to provide the notification to the supported owner of the instance. Using API call management.
- Creating the containers by using **Docker** and deploying it in **Kubernetes cluster**.
- Using Kubernetes namespaces separated DEV, TEST, and PROD environments and deploying images accordingly.
- Worked on production, load balanced, highly available and fault tolerant Kubernetes infrastructure.

- Worked on Integrating the GIT with Jenkins **CI/CD pipeline** for deploying Docker Application into the Kubernetes Cluster.
- Creation of **VPC, Route tables, Gateway** and attaching to the instances accordingly.
- Actively participated in setting up alerts related to issues in the process through cloud watch alerts subscriptions.
- Worked on Kubernetes dashboard. Monitoring the pods and cluster in the dashboard and pulling the report accordingly and other operational tasks.

Sound knowledge / good practical experience with Linux (Ubuntu) administration/ troubleshooting/ debugging, Backup/Re-store, Scripting, Nginx, system tools.

Moronmonk Business Solutions Private Limited

Feb 2021 to Jul 2024

Bangalore, India

- Administered Git version control system: Created users, repositories, branching, tagging, users on the Git version control system.
- Experienced in defining various build and release workflows.
- Handling migrations of on premises applications to cloud and created resources in cloud to enable this Used ELB and Auto-Scaling policies for scalability, elasticity and high availability.
- Deployed and orchestrated the applications with Kubernetes.
- Deploying the master, worker nodes, and management components within the cluster, application load balancer, at cluster creation time in Kubernetes.
- Implemented **AWS Code Pipeline** and Created **Cloud formation** JSON templates in Terraform for infrastructure as code.
- Create multiple **Terraform** modules to manage configuration, applications, services and automate installation procedure for setting up web services on aws instances
- Extensive experience in setting up the **Kubernetes** for the **Docker** to handle cluster-based container

EDUCATION

✚ Bachelor of Computer Applications (BCA)
MIT First Grade College

June 2017 to Sept 2020
