NARESH N

DevOps Engineer, 4+ years experience
Hyderabad, India
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DevOps Engineer with 4.1 years of experience in designing, automating, and managing infrastructure across AWS, GCP, and Azure cloud platforms. Proficient in CI/CD pipeline implementation using Jenkins, GitHub Actions, and Azure DevOps with YAML-based pipelines, supporting fast and reliable deployments. Strong experience in containerization using Docker and container orchestration with Kubernetes (EKS, GKE, AKS) to ensure scalable, resilient, and efficient deployment of applications across environments. Skilled in Infrastructure as Code (IaC) using Terraform, including Terraform Enterprise, and applying best practices to implement foundational blueprints for secure and scalable GCP infrastructure. Hands-on expertise with AWS services such as EC2, VPC, Load Balancer, Auto Scaling, CloudFormation, IAM, Lambda, CloudWatch, EKS, ECR, and S3. Experienced with GCP services, including Compute Engine (VMs), VPC, Firewall Rules, Load Balancer, Instance Groups, Pub/Sub, GKE, Google Artifact Registry (GAR), Secret Manager (GSM), Service Accounts (GSA), Google Cloud Storage (GCS), and Workload Identity. Knowledgeable in Azure services, including Azure Virtual Machines, Virtual Networks (VNet), Azure Load Balancer, Auto Scaling, Azure Kubernetes Service (AKS), Azure Container Registry (ACR), and Azure Key Vault. Focused on automation, scalability, and high availability; provided on-call support and contributed to optimization of both staging and production systems. Proven ability to collaborate with cross-functional teams, troubleshoot infrastructure and deployment issues, and maintain efficient development workflows through Git-based version control. Committed to continuous learning and passionate about cloud-native technologies, always staying aligned with industry best practices and the latest trends across the DevOps ecosystem.

INDUSTRIES: Software and Platforms

TECHNICAL SKILLS

• DevOps	4 years & 1 months
• Terraform	3 years & 1 months
• Docker	3 years & 1 months
• Snyk	3 years & 1 months
• Jenkins	3 years & 1 months
• OWASP	3 years & 1 months
• Nexus	3 years & 1 months
• AWS Services and Security	2 years & 6 months
• Google Cloud	1 years

PROJECT DETAILS

• Michaels

Project Description: Michaels is a retail e commerce project where the infrastructure was initially provisioned manually through the Google Cloud Platform GCP Console. The project's primary objective was to migrate these manually created resources to Infrastructure as Code (IaC) using Terraform, ensuring consistency, scalability, and maintainability in GCP resource provisioning.
Responsibilities: Developed and maintained Infrastructure as Code (IaC) using Terraform for secure and scalable provisioning of GCP resources. Designed and implemented custom Terraform modules to promote reusability and standardization across infrastructure components. Organized initialization and configuration logic into a structured bootstrap folder, maintaining version control and aligning with deployment workflows. Automated CI CD pipelines using GitHub Actions, leveraging OIDC integration for secure, identity aware deployments without the need for long lived credentials. Collaborated with cross functional teams to ensure smooth migration and deployment of cloud resources.
Technologies: GCP, Terraform, CI/CD, Git
Industry: Software and Platforms

• ScienceLogic

Project Description: ScienceLogic is a software and service vendor specializing in IT management and monitoring solutions for IT operations and cloud computing. The companys flagship product, SL1, provides integrated monitoring and management for complex IT infrastructures. The primary objective of this project was to implement and optimize Azure based infrastructure to enhance SL1s performance, scalability, and security in cloud environments.
Responsibilities: Automated infrastructure provisioning and management using Azure Resource Manager (ARM) templates to ensure consistent and scalable resource deployment. Developed and managed CI CD pipelines using Jenkins and Azure DevOps, automating build, test, and deployment workflows for SL1. Managed Azure Kubernetes Service (AKS) for container orchestration, enabling seamless scaling of SL1's microservices architecture. Integrated Ansible to automate configuration management across Azure environments, ensuring smooth deployment and consistent configurations. Collaborated with cross functional teams to enhance SL1's monitoring and management capabilities, aligning with best practices in cloud operations. Optimized the use of Azure Services for better monitoring, security, and cost management in cloud infrastructure.
Technologies: Azure, Jenkins, Azure DevOps, Ansible, Azure Repos
Industry: Software and Platforms

• Liberty Insurance

Project Description: Liberty Insurance operates in the insurance domain, offering a comprehensive digital platform for providing and managing Car Insurance, Two Wheeler Insurance, and Health Insurance services. The platform is designed to streamline the end to end insurance lifecycle, including policy purchase, premium calculation, claim initiation, renewal, and customer support.
Responsibilities: Assisted in setting up CI CD pipelines using Jenkins to automate the build, test, and deployment processes, enhancing development efficiency and minimizing manual intervention. Contributed to Infrastructure as Code (IaC) tasks using Terraform to provision and manage AWS resources, ensuring scalability and consistency across environments. Collaborated on Git-based version control for efficient code management and teamwork, integrating Ansible for automated configuration management and system consistency. Gained hands-on experience with Docker and Kubernetes for containerization and orchestration, optimizing application deployment and scaling in cloud environments. Upgraded Jenkins and configured build triggers to initiate jobs automatically whenever a new commit occurs, using webhooks for seamless integration with version control systems. Worked extensively with AWS services including EC2, VPC, Load Balancers, Auto Scaling Groups, and CloudWatch to ensure high availability, monitoring, and performance optimization for cloud infrastructure
Technologies: CI/CD: Jenkins, Git, AWS EC2, VPC, Load Balancers, Auto Scaling, CloudWatch, Docker, Kubernetes, Terraform, Ansible
Industry: Software and Platforms

EDUCATION

• Bachelors degree in B. Tech (EEE) from Siddhartha institute of technology and sciences, Narapalli, Hyderabad — 2017 - 2020

LANGUAGES

• English - advanced

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