
SHIVAM NAIK

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OBJECTIVE

Dynamic DevOps Engineer with a proven track record in continuous integration, deployment, and infrastructure-as-code initiatives. Proficient in orchestrating containerized environments and optimizing cloud infrastructure for enhanced scalability. A collaborative problem-solver, I excel in implementing automation solutions that streamline workflows and boost system performance. Eager to contribute technical acumen and innovation to a forward-thinking team.

PROFESSIONAL EXPERIENCE - DevOps Engineer

QualTech Software, Kolhapur – 416001 (October 2022 – Present)

Carryout automation and system improving performance. Skilled in implementing CI/CD pipelines, automating system administration tasks and collaborating with teams to identify and resolve issues.

Project Title: Evento

Description: One solution for all kind of Events.

Responsibilities:

- Developed and implemented effective **Git** branching strategies to optimize development workflows and maintain high code quality. Automated code quality checks and enforced coding standards by implementing **Git pre-commit hooks**.
 - Integrated **New Relic** with applications deployed on **EC2 instances** for comprehensive performance monitoring and metric analysis.
 - Enabled collaborative development by setting up **GitHub** branches, enforcing branch protection rules, conducting regular code reviews, and managing **CODEOWNERS** in repositories.
 - Utilized **GitHub Actions** to automate pull request generation upon code pushes, with automatic PR merging post-approval.
 - Deployed applications on **Kubernetes**, managing all aspects of container orchestration, scaling, networking, and security in cloud environments. Handled load balancing, and persistent storage, while continuously expanding my expertise in advanced Kubernetes concepts.
 - Automated provisioning and management of AWS infrastructure using **Terraform**, enabling efficient and scalable resource deployment
 - Documented processes and provided training on tools like Git, GitHub, Jenkins, AWS EC2, S3, Bitbucket, and IAM, driving adoption across the team.
 - Automated configuration management and deployment of AWS infrastructure using **Ansible**, ensuring consistency and efficiency across environments
 - Automated deployment pipelines for applications on **AWS EC2** using **Jenkins CI/CD**, improving deployment speed and reliability. Managed user access and permissions in Jenkins.
 - Administered **AWS IAM** roles and policies, ensuring secure access control and compliance across the cloud infrastructure.
 - Created and maintained **Docker images** and repositories in Docker Hub, optimizing application versioning and distribution.
 - Optimized content delivery and enhanced application performance using **AWS CloudFront** for secure and low-latency distribution of web assets.
 - Installed and configured **PostgreSQL** on AWS EC2 instances for data storage and database management, set up **pgAdmin** for efficient database administration, and provided secure database access by creating and managing user accounts.
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Client: Canqualify

Description: Canqualify qualifies contractors to work for hiring clients. Our cloud-based software streamlines and simplifies the process by allowing contractors to share their information with multiple hiring clients. In addition, hiring clients can share that information throughout their organization.

Responsibilities:

- Implemented **BITBUCKET** for hosting Git repositories and managing access permissions.
- Responsible for **Jenkins** plugin management, Integrating with SCM tools, user management, Build/Deploy Pipeline Setup, and End-End Job Setup of all the projects.
- Implemented **S3** bucket replication to ensure automatic synchronization of changes from the source bucket to the replica bucket.
- Deployed and managed applications using **AWS Elastic Beanstalk**, integrating version control systems to streamline application updates and facilitate rollback capabilities, ensuring consistent application delivery and minimizing downtime during deployments.
- Designed and implemented secure **AWS VPC** architectures, configured **subnets** and **Routing**, managed security groups, and **VPN** connections, integrated with various AWS services, and optimized network performance through monitoring.
- Implemented **AWS WAF** (Web Application Firewall) to protect web applications from common web exploits and improve security by filtering malicious traffic.
- Designed and implemented **RDS** replication across multiple development environments to ensure data consistency and availability. Presented a cost-optimization strategy to clients, recommending the use of PostgreSQL open- source databases over RDS for development, staging, and UAT environments to reduce expenses.
- Implemented and managed different types of **Load Balancers** for efficient traffic distribution and high availability.
- Implemented CI/CD pipelines using AWS **CodePipeline** and AWS **CodeDeploy** to automate the build and deployment of applications, ensuring seamless and reliable delivery.
- Developed **Jenkins CI/CD pipelines** for multiple development environments and granted the QA team limited access for testing purposes. Implemented multi-branch Jenkins CI/CD pipelines with cron jobs, monitored build statuses, and communicated updates to the relevant teams.
- Integrated AWS with **New Relic** for application performance monitoring and am currently expanding my expertise in its features.
- Developing **Docker images** for applications to streamline developers, allowing access to **Docker Hub** for easy installation of dependencies.
- Proficient in scripting and programming languages including **Python, C, and Bash**, with experience in data serialization formats such as **JSON** and **YAML** for configuration management and data interchange.

DevOps Engineer

MNP Technologies, Bangalore (March 2022 - September 2022)

- Hands on knowledge on DevOps tools like GIT,GITHUB, JENKINS DOCKER, KUBERNETES,TERRAFORM and ANSIBLE.
- Hands on Knowledge on Cloud Platform like Amazon Web Services. Services such as EC2, VPC, S3, IAM, ELB, Amazon RDS, Lambda and Cloud Watch.

EDUCATION

Bachelor of Engineering

S D M College of Engineering and Technology - Dharwad, 580004 - February 2021

Associate of Science

V P H College - Dharwad, 580004 - June 2016

High School

S V E M School - Ainapur, 591303 - May 2014
