VENKATA RAMI REDDY BOBBALA

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PROFESSIONAL SUMMARY

AWS DevOps Engineer with ~4 years of experience in designing, implementing, and managing scalable, secure, and high-performing cloud infrastructures. Skilled in automation, configuration management, and containerization with tools such as Ansible, Terraform, Docker, Kubernetes, and Jenkins to streamline CI/CD pipelines. Proficient in AWS services, including S3, EC2, VPC, Route53, IAM, RDS, and CloudFront, with hands-on expertise in cloud migration, monitoring, and cost optimisation to drive operational excellence.

SKILLS

- **Cloud Services**: S3, EC2, IAM, VPC, Route53, CloudFront, RDS, EFS, DMS, AWS migration, and monitoring tools in AWS.
- **Automation & Orchestration**: Ansible, Terraform, Jenkins, Kubernetes, Docker, Git Bash, GitHub, GitLab.
- **Databases**: MySQL, RDS.
- **DevOps Tools**: Jenkins, SonarQube, Jfrog, VCS-SCM.
- **Programming**: Python.
- **Operating Systems**: Linux/UNIX.
- **Other**: VPC peering, load balancers, Tomcat, Docker containerization, VS Code.

EXPERIENCE

Tata Consultancy Services (TCS)
AWS DevOps Engineer   **Dec 2021 - Present**
- Designed and implemented **AWS** cloud architecture leveraging services like **EC2, VPC, S3, Route53, and IAM** for secure and scalable solutions.
- Automated configuration management using **Ansible**, reducing manual tasks and deployment time by 40%
- Managed containerized applications using **Docker** and **Kubernetes**, ensuring efficient resource utilisation and high availability.
- Developed and maintained **CI/CD pipelines** with **Jenkins** and integrated **SonarQube** for code quality analysis.
- Configured and monitored application and infrastructure performance using **AWS CloudWatch** and third-party tools.
- Spearheaded cloud migration projects, utilising **AWS DMS** and **Terraform** for seamless and efficient transitions.
- Established **VPC peering** for cross-region and cross-account connectivity to streamline business operations.
- Administered **RDS** and **MySQL databases**, implementing optimised backup and recovery strategies.
- Deployed scalable web applications with **Elastic Load Balancers** and **CloudFront** for improved performance and reliability.
- Automated infrastructure provisioning and deployment using **Terraform**, achieving consistent and repeatable results.
- Integrated version control systems such as **GitHub, GitLab, and AWS CodeCommit**, ensuring streamlined collaboration and repository management.

EDUCATION

- Bachelor of Technology, ACE Engineering College, 2017-2021