KADALI BHARAT SAIRAM

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PROFESSIONAL SUMMARY

Highly motivated and detail-oriented DevOps Engineer Fresher, recently graduated with a Bachelor of Technology (B-Tech) in Electronics and Communication Engineering (ECE). Possess a strong foundation in AWS, Docker, Kubernetes, Terraform, Git, Jenkins, Linux, and CI/CD, with hands-on experience in infrastructure automation, containerization, and cloud deployment projects. Passionate about cloud technologies, DevOps practices, and continuous learning to build scalable, secure, and automated solutions. Seeking an entry-level DevOps Engineer role where I can apply my technical skills, contribute to real-world production environments, and grow as a cloud and DevOps professional.

TECHNICAL SKILLS

- **Cloud Platforms**: AWS, Azure
- **Operating Systems**: Linux, Windows
- **CI/CD Tools**: Jenkins, GitHub Actions
- **Containerization**: Docker, Kubernetes
- **Infrastructure as Code**: Terraform, Ansible
- **Monitoring Tools**: Prometheus, Grafana
- **Scripting Languages**: Python, Shell Scripting
- **Version Control**: Git, GitHub
- **Build Tools**: Maven

PROJECTS

Title: AWS 3-Tier Banking Application Infrastructure using Terraform

Tools: AWS (VPC, EC2, ALB, Auto Scaling, RDS MySQL, IAM, CloudWatch, NAT Gateway), Terraform, Git, Linux

Description: Designed and deployed a secure and scalable 3-tier banking application infrastructure on AWS using Terraform. The project implemented a highly available architecture with separate web, application, and database tiers following Infrastructure as Code (IaC) best practices.

Responsibilities:

- **Individual project**
- Designed and deployed a custom VPC with public and private subnets across multiple Availability Zones.
- Provisioned Application Load Balancer (ALB), EC2 instances for web and application tiers, and Amazon RDS MySQL for the database tier.
- Configured Internet Gateway, NAT Gateway, Route Tables, Security Groups, IAM Roles, and Auto Scaling Groups to ensure secure and scalable infrastructure.
- Implemented CloudWatch monitoring to improve infrastructure visibility and operational monitoring.
- Organized infrastructure using reusable Terraform modules, remote state management, and environment-specific variables.
- Performed end-to-end infrastructure deployment and validation using Terraform commands and Git for source code management.

EDUCATION

B-Tech (Electronics and Communication Engineering) - (2022 - 2026)
St. Martin’s Engineering College

Intermediate (MPC) - (2020 - 2022)
Veda Junior College

Secondary School (SSC) - (2019 - 2020)
Vikas E.M School

ACHIVEMENTS

- Participated in the National Level Entrepreneur Development Event (SWAYAMKRUSHI-2023) conducted by the Department of ECE, St. Martin's Engineering College

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900) – Microsoft
- Redis Certified: Redis Associate Cloud Operator — Redis
- Python for Data Structures, Algorithms, and Interviews – Udemy

DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.