SOHAM SATYAJIT PATIL
DevOps Engineer

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SUMMARY:

Expert in designing, deploying and maintaining CI/CD pipelines. Highly skilled in using AWS services, automation tools and delivering scalable and reliable services. Seeking to contribute continuous improvement, innovation, delivering high-quality solutions with reduce costs and enhance system performance through innovative DevOps practices and tools.

SKILLS:

- ☑ Git, GitHub and Gitlab
- ☑ Docker
- ☑ Kubernetes
- ☑ Terraform, CloudFormation
- ☑ Ansible
- ☑ BASH, Python
- ☑ Jenkins CI/CD, GitLab CI/CD
- ☑ Linux (Ubuntu, CentOS, RHEL) System management
- ☑ Prometheus, Grafana & CloudWatch (AWS)
- ☑ IAM, EC2, VPC, S3, RDS, R53, EFS, EKS & CloudFront
- ☑ HTTPD, Nginx and Apache-Tomcat
- ☑ Maven & SonarQube

WORK EXPERIENCE:

Hisan Labs Pvt Ltd

DevOps Engineer Intern | December, 2023 - Present

- Cloud Expert and an Automation Expert
- Business Cloud Implementation Projects, Consulting, Support Plans across the Globe.

ROLES AND RESPONSIBILITIES:

- Experienced in using **Git** for **version control**, including branching, merging, rebasing, and resolving conflicts. Apart from this experienced in managing pull request.
- Containerize applications, using **Docker** for consistent development and deployment environments. Developed Dockerfiles to build lightweight and efficient container images, optimizing resource utilization and application performance.
- Orchestrated containerized applications using **Kubernetes**. Deployed, managed and scaled containerized applications in Kubernetes clusters. Configured and managed K8s resources such as pods, deployments, services and ingresses for microservices.
- Implemented monitoring, logging and alerting solutions for K8s Clusters I used **Prometheus** and **Grafana**.
- Integrated **Jenkins Pipeline** with version control systems, artifact repositories using Declarative Pipeline syntax to automate the software project lifecycle build, test, and deployment.
- Build configurations using **Apache Maven** integrating them into CI/CD pipelines for automated builds and releases.
- Integrated **SonarQube** with CI/CD pipelines to automate code quality checks. Analyzed code quality metrics, identified code smells, bugs and vulnerabilities.
- Skilled in writing **Terraform** configuration files and reusable modules to automate the setup of cloud resources particularly in AWS. Manage Terraform state files and ensure they are properly backed up and secured.
- Provisioned and managed **AWS resources** including EC2 instances, S3 buckets, RDS and IAM roles using AWS Management Console and CLI. Experienced in creating and managing IAM roles, policies and groups with permission boundaries within AWS environments.
- Set up monitoring and logging solutions using **AWS CloudWatch**, also setup and configure **VPC** and Deployed and configured application on **EKS**.