Veera Brahma Reddy Bobba

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Professional Summary

- Motivated and detail-oriented Cloud Engineer with one year of internship experience at SYSRS IT Services LLC, focusing on cloud infrastructure management, automation, and CI/CD pipeline implementation.
- Hands-on experience with AWS services, including EC2, S3, and IAM, as well as Infrastructure as Code (IaC) tools like Terraform and CloudFormation.
- Familiarity with containerization technologies such as Docker and Kubernetes, enabling efficient deployment and scaling of applications.
- Proficient in scripting languages like Python and Bash for automating routine tasks and improving operational efficiency.
- Strong foundation in DevOps principles, including collaboration, continuous integration, and monitoring using tools like CloudWatch and Prometheus.
- Demonstrated ability to work effectively in cross-functional teams and contribute to project success through proactive problem-solving.

Technologies

CI/CD Tools: GitHub Actions, Jenkins, Azure DevOps, AWS code pipelines - **Cloud Tech:** AWS
Containerization & Orchestration: Docker, Kubernetes, GitOps - **IDEs:** VSCode, Eclipse
Infrastructure as Code: Terraform, Ansible, Cloud Formation - **Build Tools:** Maven, IntelliJ
Source Control Management: Git, GitHub, GitLab, Bitbucket - **Databases:** MySQL, PostgreSQL
Monitoring Tools: ELK Stack. Prometheus, Grafana - **Operating Systems:** Linux, Windows
Languages: Python, Java, Node.js, Bash Scripting - **Artifactory Management:** JFrog, SonarQube
Project Management Tools: Jira

Experience

Cloud Engineer Intern, SYSRS IT Services – Maryland, U.S   Jun 2024 – Current

- Assisted in provisioning and managing AWS resources (EC2 instances, S3 storage, networking) using Terraform and CloudFormation templates.
- Supported the implementation of CI/CD pipelines via AWS CodePipeline for automated builds, testing, and deployment of web applications.
- Gained hands-on experience with Docker for containerizing applications and deploying them to Kubernetes clusters for scalability.
- Configured basic monitoring and logging setups using Amazon CloudWatch to track application performance and troubleshoot issues.
- Collaborated with senior engineers to ensure security best practices by configuring IAM roles and managing secrets using AWS Secrets Manager.
- Automated routine tasks using Python and Bash scripts, improving operational efficiency and reducing manual intervention.

Education

Rivier University, MS in Computer Science   Aug 2022 – May 2024
Malla Reddy College of Engineering and Technology, B.Tech in Computer Science   Jun 2018 – April 2022