Mriyam Tamuli

Software Engineer

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Technical Profile

- Golang
- Kubernetes
- AWS

Competencies

Golang,Python,Shell
Kubernetes,Helm,Docker
Terraform,Ansible
GitHub Actions, Gitlab CI, Jenkins
AWS,GCP
Prometheus,Newrelic

Forward-thinking Software Engineer with background working productively in dynamic environments. Fluent in Go and Python programming languages. Proud team player focused on achieving project objectives with speed and accuracy. Second order thinker and lazy programmer.

Work History

2022-11 - Current

Senior Software Engineer

Acquia, Remote

- Trained and mentored junior developers and engineers, teaching skills in AWS, Golang and Kubernetes and working to improve overall team performance.
- Worked with project managers, developers, quality assurance and customers to resolve technical issues.
- Led software development initiative as subject matter expert and primary point-of-contact for project management staff.
- Provided technical support using knowledge of complex technology to solve problems and support new projects.

2021-03 - 2022-11

Software Engineer

Acquia, Remote

- Onboarded new tools and technologies during development to elevate project quality and shorten timeframes.
- Reduced **time to deployment of application by 40%**.
- Partnered with development team on product development, application support plans and prototype programs.
- Orchestrated efficient **large-scale software deployments** on **Kubernetes cluster**.
- Delivered **unit-tested systems** with required characteristics and within customer-prescribed timeframes.

2019-12 - 2021-02

DevOps Engineer

InfraCloud, Pune

- Worked with client teams to **migrate legacy applications to cloud native architecture**
- Creating and optimizing CI/CD pipelines (Jenkins,GitHub Actions and Gitlab CI) to **reduce time to deploy by 60%** .
- **Created Dockerfiles, Helm Charts** for modern microservices as well as legacy applications
- Application development in Golang and Python utilizing REST, gRPC, GraphQL and **created Kubernetes Operator**
- Configured and deployed **monitoring solutions using Prometheus, Alertmanager, Grafana** and **logging using EFK stack**
- Worked on Kong API Gateway, **Chaos Engineering framework Litmus** and EKS cluster

creation using eksctl

- Comfortable working with multiple managed **Kubernetes solutions by Rancher, AWS and Google.**

2017-09 - 2019-08

DevOps Engineer

rtCamp, Remote

- Work with EasyEngine team to release version 4 completely rewritten in PHP with Docker
- Respond to EasyEngine users on community forum, gather feedback, triage issues
- Directed software design and development across multifaceted team to meet client needs for functionality, timeline and performance
- Established Infrastructure as Code practice using - **Ansible AWX** and **Vault** for secure and automated VPN access, deployments

2016-12 - 2017-09

System Administrator

rtCamp, Pune

- Established CI/CD pipeline from scratch on **GitlabCI with Docker runners**
- Build **Nginx with custom modules** for multiple distributions(Debian, Ubuntu)
- Use **terraform** to simplify AWS infrastructure creation and **AWS Lambda scripts** to do AMI backup and cleanup
- Use various scripting - **Bash**, **PHP**, **Ansible**, to automate mundane periodic tasks

Certifications

2021-11   Certified Kubernetes Administrator | Certificate Number LF-qkmhdu6l8e| https://www.credly.com /badges/552e00f2-5858-45c6-b1ef-9212dfe83320