Kapil Thakkar

DevOps Engineer

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WORK EXPERIENCE

Kloudone - Software Engineer

August 2020 - June 2021   Remote

- Responsible for the definition, design, construction, integration, testing, and support of reliable and reusable software solutions
- Creating the helm charts for the Microservice application with the required properties
- Used Ansible playbooks provided by clients to create a Dockerfile and used helm chart to deploy it on the GKE cluster.
- Implemented CitusData operator using Operator-SDK where it's basic features like sharding, backup and restore, high availability were implemented.
- Worked in parallel with QA engineer to ensure that the CitusData operator is showing the functionality as expected.
- Connected with the clients daily to ensure we are on the right path and asked queries.

Sezzle - DevOps Engineer

July 2021 - July 2022   Minneapolis, MN

- Migrated all the Jenkins related pipelines to Gitlab CI.
- Migrated all the load balancer service to Ingress using appropriate certificate.
- Containerized all the microservices and deployed it to AWS EKS.
- Implemented container security tool Qualys for discovery and remediation of vulnerabilities.
- Used Snyk for application-level vulnerability detection.
- Implemented Reviewdog to post the scanning results compiled by the Snyk.
- Created extensive documentation to list all the vulnerabilities and associated remediation of the application and presented to the developer to carry out mitigation.
- Responded to developer queries any time in case of any issues.

EDUCATION

Stony Brook University - M.S., Computer Science

August 2022 - current   Stony Brook, NY

Relevant courses
- Distributed Systems
- Analysis of Algorithms

Vivekanand Education Society's Institute of Technology - Bachelor of Engineering, Computer Engineering

August 2016 - October 2020   Chembur, Mumbai

SKILLS

Tools
- Kubernetes (2 years)
- Docker (2 years)
- Helm (2 years)
- Git/Github (2 years)
- Gitlab/Gitlab CI (1 year)
- AWS (1 year)
- GKE (1 year)
- Snyk (6 months)
- Reviewdog (6 months)
- Jenkins (6 months)
- Ansible (6 months)

Languages
- Java (2 years)
- Golang (6 months)
- Python (6 months)

Operating Systems
- Linux (2 years)
- Ubuntu (2 years)
- Redhat (6 months)

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA)

PUBLICATIONS

- Presented a paper on "Sentiment Analysis: A Novel Approach for Prediction of Satisfaction Level from Facial Expressions" in the IJASR conference

AWARDS

- Won the Employee of the month in KloudOne Company
- Won the Top performer of the month in Sezzle Company