Huong Vu

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Summary

DevOps engineer with 2+ years of industry experience managing cloud infrastructure, deploying infrastructure as code, monitoring applications, and automating tasks.

Education

University of California, San Diego   June 2020
- BS in Cognitive Science and Machine Learning/Neural Computation
- Minor in Computer Science

Skills

Technologies & DevOps Tools: Apache Kafka, Google Cloud Platform (GCP), JIRA, Vim, Git, Kubernetes, Jenkins, Terraform, Ansible
Programming Languages: Java

Work Experience

Slower, *DataOps Engineer*   Apr 2021 - Present
- Led migration efforts from legacy infrastructure to new platform which required collecting data from application teams on their use of Kafka, setting up proper Role Based Access Control (RBAC) and firewall rules, and migrating data.
- Inspect Kafka logs to perform basic troubleshooting to diagnose and resolve production issues.
- Tested build team's JIRA integration for automatic topic creation by creating JIRA tickets and monitoring the Jenkins job to ensure it was successful.
- Provide Kafka support to application teams by responding to technical questions via Slack and JIRA.
- Onboard new teams onto Kafka through keytab, properties file, and topic creation. Validate that they are able to connect to their environments and that their applications contain the correct configs/endpoints.

CureMetrix, *DevOps Intern*   Sep 2020 - Mar 2021
- Worked on building internal APIs through Python packages. Packages reduced code redundancy and centralized/standardized Python-based utilities in order to assist and distribute to the research team.
- Configured servers to deploy over HTTPS by obtaining SSL/TLS certificates from Let's Encrypt. Used knowledge about TCP/IP networking, SFTP, firewalls, and routing to ensure security of applications.
- SSHed into virtual servers to run unit tests on code for quality assurance.
- Wrote code in AWS CloudFormation to automate spinning up AWS resources and configured stacks for internationalization.
- Assisted development team by deploying/running applications in Docker and keeping documentation up-to-date.

Certifications

Confluent Certified Administrator for Apache Kafka   Oct 2021 - Oct 2023