SOURABH DESHMUKH

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EXPERIENCE

Linux Cloud Engineer — June 2024 - Present
Hobby Lobby — *Oklahoma City, USA.*

- Handle and manage 140+ application deployments, ensuring smooth and efficient rollouts.
- Manage OpenShift clusters on AWS cloud and local infrastructure, optimizing performance and scalability.
- Oversee daily GitOps operations, maintaining code integrity and deployment consistency.

DevOps Engineer — March 2024 - May 2024
Usage AI — *Pleasanton, USA.*

- Independently coordinated the Microservices deployments on EKS, ensuring a smooth transition of containerized workloads while improving scalability and resource utilization.
- Architected and optimized a production observability pipeline using Prometheus, Grafana, Fluent Bit, and Loki, significantly improving system reliability and performance through advanced metrics and logging solutions.
- Transformed AWS cloud infrastructure to meet CIS benchmark standards, orchestrating security control implementation, documentation, and continuous monitoring for full compliance.

Linux Cloud Engineer Intern — June 2023 - Sept 2023
Hobby Lobby — *Oklahoma City, USA.*

- Streamlined Microservices deployments leveraging Openshift, comprising automated software delivery incorporating Gitops in connected and disconnected environments on-premises.
- Alleviated 25% workload on Jenkins servers by implementing gitops operations on hybrid infrastructure.

DevOps Engineer — Aug 2021 - Aug 2022
Opcito Technologies Pvt. Ltd. — *Pune, India*

- Configured and set up Jenkins CI pipelines to package and test 15+ Android and IOS applications, published them on Dropbox and Atlassian Confluence page, augmenting developer efficiency by 30%.
- Set up CircleCI pipelines with git and wrote helm charts to deploy Microservices and application components with Kubernetes and Rancher on the GKE cluster that speeds up the deployment/development process by 25%.
- Assisted with Terraform code configuring and deploying AWS WAF rules and AWS Guard duty.

Software Engineer — Oct 2019 - Aug 2021
Kpoint Technologies Pvt. Ltd. — *Pune, India*

- Structured CICD end-to-end pipelines harnessing Jenkins to build, test, and deploy the Microservices applications.
- Dockerized Microservices to reduce dependency issues, optimized Docker images with multi-stage build, and cut down layers in the Docker image, resulting in a 40% improvement in deployment efficiency.
- Formulated and implemented automation scripts taking advantage of Python & Shell that led to the development of several system components, resulting in a 20% increase in productivity.
- Decreased 50% of the cost of AWS resources by converting on-demand resources to spot services using IaC.
- Centralized system & application logging adopting ELK stack, scripted monitoring dashboards using Python on Kibana, resulting in a 20% improvement in debugging time.

Software Engineer Intern — Jan 2019 - Oct 2019
Kpoint Technologies Pvt. Ltd. — *Pune, India*

- Led a team of 2 interns and implemented kPoint web application staging setup and rolled out on AWS cloud.
- Wrote an AWS cloud infrastructure for scaling applications employing Terraform coding and application configuration using Puppet and Python scripts, resulting in a 70% time reduction of resources provisioning.
- Performed application monitoring on Production Servers operating with Nagios and Munin Monitoring, putting together monitoring scripts to maintain 24/7 application availability and mitigate downtime.

SKILLS

- **Languages:** Python, C, Java, Yaml, Shell, HTML/CSS, Javascript, Go, TypeScript.
- **Databases:** Relational - MariaDB, MySQL, Non-relational - MongoDB, Redis.
- **Cloud and Web:** AWS, GCP, Azure(Pipelines), React js, Nodejs, Flask, Vuejs, REST APIs, Bootstrap.
- **Tools:** Ansible, Puppet, Chef, Terraform, helm, Jenkins, CircleCI, Kubernetes, Docker, Openshift, ArgoCD, Confluence, Jira, GIT, Bitbucket, GitLab. Elasticsearch, Logstash, Kibana, Nagios, Munin, Splunk, Grafana, Prometheus, FluentBit, kustomize, GitHub Actions, Sceptre.
- **Certifications:** Certified Kubernetes Administrator(CKA), AWS Certified Solutions Architect(AWS-SAA), Red Hat Certified Engineer(RHCE), Red Hat Certified System Administrator(RHCSA), Cisco Certified Network Associate(CCNA).
- **Other:** Customer Satisfaction, Interpersonal Communication, Organization skills, Problem Solving.