SOBITHA SHEVER
NATSAI

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PROFESSIONAL SUMMARY

Highly motivated DevOps Engineer with 8+ years of experience in designing, building, implementing and maintaining cloud-based infrastructure. Proficient in agile methodologies and continuous integration/continuous delivery (CI/CD) pipelines, with a focus on automation and efficiency. Adept at utilizing a range of automation tools and technologies, including Ansible, Jenkins, and Kubernetes, to ensure efficient and effective delivery of software solutions. Strong background in both software development and system administration, with a deep understanding of modern software development practices, including agile methodologies and CI/CD pipelines. Proven track record of collaborating effectively with cross-functional teams to deliver high-quality software solutions on time and within budget. Seeking a challenging role in a dynamic organization where I can leverage my technical and leadership skills to drive success and contribute to the growth of the company.

WEBSITE, PORTFOLIO, PROFILES

- https://github.com/shevernts
- https://shevernts.github.io/

SKILLS

Technologies:
Kubernetes, Docker, AWS, Terraform, Ansible, CI/CD, Jenkins, Argocd, EKS, Datadog, Atlassian tools, GCP and Datadog

Scripting: Bash, Python, Go and Groovy

WORK HISTORY

Lead Devops Engineer • *ADP India*
Chennai • September 2016 to Current

- Create and manage weekend scale down tool, Users can scale down cluster based on demands .
- Automated and provisioned whole infrastructure as IAC using Terraform, AWS, Ansible without manual intervention
- Create and Manage CICD pipelines for Kubernetes services, Packer, Docker etc.. Using Jenkins and Packer.
- Created single-click Developer instance creation framework using Packer, Terraform, AWS that saves 50% of employees' time
- Created AMI rollout framework for EKS worker nodes with Zero downtime
- Leveraged Kubernetes via EKS to manage and other AWS SaaS tools to cut release times by 20%
- Implement IRSA (pod level IAM) in our EKS cluster to provide access to micro services
- Designing, Developing and Maintaining K8s package management (Helm) using CI CD Process
- Optimized and cut off our cloud resources costs by implementing various methodologies like Cluster Autoscaler, spot fleet instances, HPA in
- Automated AMI rollout for security vulnerability complaints and patching it periodically using AWS inspector and SSM
- Created Chat Ops for automating our regular and frequent tasks using Errbot framework
- Provisioned and administering shared service components such as Artifactory, Docker Trusted Registry, Jenkins, Atlassian
- Configured and setup TLS for all internal applications using our private CA

- Mentor team members on best practices including automated build and security
- Collaboratively working with Dev team to unblock them on infra related issues and ensure to follow best practices on resource management for new services

Linux Administrator · *Futurenet Technologies*
Chennai · March 2015 to July 2016

- Setup and managed 100 Linux servers with 99.95% up-time
- Maximized system availability through development and testing of contingency plans.
- Centralized the configuration management leveraging Ansible for 100+ servers
- Resolved vulnerabilities by making improvements to network security.
- Setup and Maintain Postfix an Zimbra Mail servers
- Developed and documented network policies, procedures and standards.
- Implemented, developed and tested installation and update of file servers, print servers and application servers.

System Administrator · *Star Computers*
Kalkulam · November 2013 to January 2015
- Disk Management, General partition, LVM partition and software RAID
- Fixing OS level security vulnerabilities
- Windows/Linux OS Installation and configuration
- Troubleshooting hardware related issues

EDUCATION

B.Tech - Information Technology · *Anna University*
Chennai, IN · 2012

CERTIFICATIONS

RHCE & RHCSA
RedHat · 2014
Cert Id: 140-093-188

LANGUAGES

Tamil
Bilingual or Proficient (C2)

English
Advanced (C1)

Malayalam
Intermediate (B1)