Kinnera Kallam

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About Me

- Around 5+ years' experience in IT industry as a Devops engineer, with sound knowledge on cloud technologies (AWS), container orchestration (Kubernetes & Docker) and various DevOps tools (Ansible, Chef, Jenkins, Terraform)
  LinkedIn: https://www.linkedin.com/in/kinnera-kallam-0767501a0/

Skills

Version Control:	Github and bitbucket
CI Tools:	Jenkins
Build Tools:	Maven
Configuration Tools:	Chef and ansible
Monitoring Tools:	Datadog and Prometheus
Cloud:	AWS
Orchestration Tools:	Docker and Kubernetes.

WORKING EXPERIENCE

Client: American Express   **May 2020 – Current**
Payroll company: Infosys
Role: Kubernetes Engineer

Roles and Responsibilities:

- Provisioning and maintaining the highly available Kubernetes cluster.
- Migrated applications from AWS to on-prem.
- Worked on fine tuning ansible scripts.
- Clearing the unremoved persistent volumes in k8s cluster.
- Writing and maintaining helm charts for applications.
- Deployed ingress controller, Prometheus stack and Kubernetes dashboard.
- Resolved network issues related to kong ingress controller and kube-dns.
- Troubleshooted node and pod level issues.
- Maintained entire Jenkins configuration as code using casc plugin.
- Knowledge on Jenkins shared pipeline.
- Knowledge on Gitops tools like ArgoCD.
- Provided Support for releases during business and off-business hours.
- Installed ELK on Linux vms using ansible.

Client: GE Transportation   **Mar 2019 – Apr 2020**
Payroll company: Infosys
Role: Devops Engineer

Roles and Responsibilities:
- Installed and configured Chef and developed recipes and creating policy files for automated infrastructure deployment of applications. Used Libraries, Data Bags, Encrypted Data Bags & Roles.
- Created Jenkins Continuous Integration and continuous Deployment (CI-CD) pipelines and integrated Junit, Fortify, Selenium and SonarQube plugins in Jenkins for automated testing and for Code quality check
- Used MAVEN as build tools on Java projects for the development of build artifacts on the source code
- Developed multi branch pipeline scripts with an integration of bitbucket, maven, unit tests, sonar and fortify
- Working with SRE team for Change planning and implementation

Client: Westpac   **May 2016 – Feb 2019**
Payroll company: Infosys
Role: AWS Engineer

Roles and responsibilities:
- Migrated applications from on-prem to AWS.
- Used terraform to provision and make changes to existing AWS cloud infra.
- NACL rules addition using Jenkins and terraform.
- Performed automated patching of Win and Linux servers using AWS SSM.
- Have experience writing Jenkins pipelines.
- Provisioned VPC, subnets, route tables using terraform.
- Maintained and modified chef cookbooks.
- Configured GIT with Jenkins and schedule jobs using Poll SCM option.
- Planning the quarterly maintenance patching for Windows, Unix, Oracle RAC's and Exadata servers. Along with ESXi host patching and Enclosure upgrades.
- Raised a maintenance change CR for Production servers and presented the change in CAB explaining risk and Impact to business.
- Created Docker images from scratch and customized and modified base images from existing environment configurations and maintaining the image repo for development teams.
- Provided production support (24/7) and coordinated with developers, Management, and end users to resolve critical issues.
- Configured and maintained Jenkins to implement the CI process and integrated the tool with maven to schedule the builds.