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CAREER OBJECTIVE

Seeking a role in a dynamic tech environment where I can apply my experience with cloud platforms, DevOps pipelines, and AI-powered automation tools to streamline operations, improve system reliability, reduce costs, and drive continuous innovation.

EXPERIENCE

DevOps Engineer /SRE

Zeta (Better World Technology Private Limited) Oct 2020 - Sep 2025, Bengaluru

- Managed HashiCorp Vault integration for Kubernetes applications with automated secret injection, credential rotation, and production issue troubleshooting.
- Automated the complete CI/CD lifecycle from code commit to production deployment, integrating testing, containerization, security scanning, and Kubernetes deployment workflows.
- Implemented automated container image build, security scanning, version tagging, registry publishing, and Kubernetes deployment workflows to streamline application delivery.
- Implemented infrastructure-as-code (IaC) using Terraform to provision and manage cloud resources such as VPCs, EKS clusters, EC2 instances, IAM policies, S3 buckets, and ElastiCache with modular, reusable configurations.
- Automated playbook generation and validation using AI tools, stored server modules in organization repositories, and implemented dynamic inventory integration compatible with cloud-based EC2 instances.
- Automated daily health checks for clusters and services using Prometheus, Alertmanager, and OpenSearch, incorporating alerting and remediation workflows.
- Automated deployment of front-end apps and centralized management of dependencies in internal repositories.
- Automated the code deployment process in each Non-Prod environment configured separate flow.
- Managed environment-specific configurations, secrets, and deployment policies while enabling controlled release promotions and ensuring consistent, reliable application delivery across multiple Kubernetes environments.
- Improved application deployment stability by implementing quality gates, Kubernetes health checks, automated deployment validation, rolling updates, rollback strategies, and release verification within CI/CD pipelines.
- Led incident management across detection, mitigation, RCA and post -incident reviews to improve system reliability during the on-call.

DevOps Engineer

Tavant Technologies

Dec 2015 - Oct 2020, Bengaluru

- Managing scheduled jobs by crontab utility such as daily backup etc.
- Creating privacy and accessibility of the directory configure using the chmod, ACL in between the users and root.
- Adding Swap space in linux is used when the amount of physical memory is full through shell script.
- Create server-side access links to enable efficient application operation and management.
- Troubleshooting Network & Server related issues.
- Configure and manage the FTP Server.
- Implemented and maintained the branching and build/release strategies utilizing GIT, Involved in periodic archiving and storage of the source code for disaster recovery.
- Setting up Jenkins jobs for complete build, deploy automation with ability to maintain build snapshots in a human readable way. Setting up sonar custom rules and adding plug-in to add more visibility to the sonar UI in Jenkins.
- Configured and deployed tools to automate the build, test, and release processes.
- Responsible for executing scheduled and unscheduled application builds and automating these processes.
- Responsible for installing ,configuring ansible and managing the infrastructure.
- Built and maintained Jenkins CI/CD pipelines for automated application build, testing, deployment, and release management processes.
- Troubleshooting the Linux, network, application, and server-related issues to ensure platform stability and operational reliability.

PROJECTS

Project Name: Managing and Provisioning the Gitea Service Lifecycle

Duration: Feb 2022 – Aug 2025

Technologies: EKS,Jenkins, Kubernetes,Helm,ArgoCD,certs,OAuthClient

- Automated migration of Git repositories into /data/git/repositories using Jenkins pipelines
- Deployed and managed Gitea services across staging, pre-production, and production environments
- Configured user access management based on corporate domain IDs and organizational access controls
- Implemented HTTPS communication by configuring TLS certificates for secure Gitea access
- Migrated PostgreSQL database from Kubernetes-hosted service to AWS managed PostgreSQL service for improved reliability and maintenance
- Automated Gitea deployment and operational workflows using Jenkins and Kubernetes
- Managed Kubernetes resources including ingress, persistent storage, and service configurations
- Supported repository management, backup, upgrade, and service lifecycle operations
- Monitored application availability and resolved deployment and access-related issues

Project Name: Docker Image Migration to Amazon ECR for Docker Hub Rate Limit Mitigation

Duration: Feb 2021 – Jul 2021

Technologies: AWS ECR, EKS,Terraform, Jenkins, Kubernetes, Helm, ArgoCD

- Designed and implemented a centralized Amazon ECR architecture to address Docker Hub rate limit issues
- Configured cross-account access to allow multiple AWS accounts and EKS clusters to securely pull images from the central ECR repository
- Developed Jenkins CI/CD pipelines to automate Docker image migration and ECR repository lifecycle management
- Created automation scripts to tag and push multiple Docker images into Amazon ECR repositories
- Updated Helm charts with new ECR image URIs across multiple Kubernetes applications and environments
- Managed Kubernetes deployments and image migration activities across staging and production environments

PROFESSIONAL SUMMARY

- 9.7 years of experience in DevOps and SRE roles.
- Hands-on experience with AI-driven tools such as K8sGPT, GitHub Copilot, and PyTorch for managing the Kubernetes lifecycle, as well as troubleshooting and implementing Ansible and Python code respectively.
- Extensive experience handling large-scale web infrastructure built on Node.js.
- Proficient and knowledgeable in programming languages such as Java, Python, and Go.
- Good knowledge of core computer science concepts, including algorithms, data structures, and software design.
- Hands-on experience with cloud services in scalable production environments, including AWS offerings such as VPC, S3, RDS, CloudWatch, EKS, and ElastiCache. Experience with CI/CD pipelines and deployment automation tools such as Maven, Jenkins, Artifactory, Ansible, and ArgoCD.
- In-depth knowledge of distributed systems architecture and principles—consistency, availability, fault tolerance, and network partitioning—along with hands-on experience in monitoring using Prometheus, VictoriaMetrics, and Grafana.
- Proven experience collaborating with globally distributed, cross-functional teams across platform, security, frontend, backend, and development domains. Effective communicator with the ability to collaborate across teams and handle interdependencies efficiently.
- Experienced in team leadership and driving end-to-end delivery of complex software projects.
- Proficient in load balancing and setting up load balancers and firewall rules for enterprise cloud infrastructures. Skilled at writing shell scripts to streamline configuration management and eliminate manual processes.
- Drove capacity planning based on performance metrics, improving efficiency and lowering infrastructure costs.

EDUCATION

M.Tech in Computer Science

JNTU, Kakinada • December 2014

SKILLS

- Containerization & Orchestration	:	Docker,containerd and Kubernetes.
- Ai tools	:	Copilot,Pytorch ,K8sgpt and chatGPT etc.
- Clouds	:	AWS (IAM,VPC,EC2,S3,RDS,CloudWatch,EKS,Elastic cache) ,GCP.
- Secret Management System	:	Vault
- IaC Automation	:	Terraform, CloudFormation
- Distributed System	:	Kafka.
- Configuration Management	:	Ansible
- Chart Management	:	Helm
- CI/CD	:	Jenkins,argocd and argorollout.
- Monitoring	:	Prometheus, Grafana and Victorimetrics
- Scripting	:	Python, Bash
- Databases	:	MySQL, PostgreSQL.
- Repositories	:	Artifactory,Git,Bitbucket and Gitea.
- Logging	:	Opensearch(ELK stack),k8's dashboard