

Chetan Lanje

DevOps Engineer

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PROFESSIONAL SUMMARY

Results-oriented DevOps Engineer with 4 years of experience in optimizing software delivery pipelines. Successfully implemented CI/CD pipelines that reduced deployment time by 50%. Experienced in containerizing applications using Docker and deploying them to Kubernetes clusters. Proficient in infrastructure automation using Terraform and Ansible. Strong advocate for DevOps best practices and collaboration.

SKILLS

- Operating System :- RHEL,Cento OS, Ubuntu, Amazon Linux and Windows.
- Cloud Technology :- AWS EC2, SNS, Cloud watch,Storage devices,Load balancer,Databases Azure Virtual machines, Build & release pipeline,Key-vault, GCP Hands-on
- DevOps Tools :- Git, Github,Docker, Ansible, Maven, Jenkins, AWS Cloud Watch, Terraform,kubernetes,ArgoCD,Prometheus,Grafana,AWS EKS.
- Servers :- Web Server(Tomcat/httpd/nginx Servers), Jira , Confluence Pages.
- Languages :- YAML,Python,Linux commands,Shell scripting.

WORK EXPERIENCE

LТИMindtree pvt limited - Specialist(DevOps Engineer)

May 2024 - current

- Configured a robust CI/CD pipeline utilizing **Jenkins, Maven, Docker, and Ansible** for seamless artifact deployment across workstations and servers, optimizing software delivery processes for enhanced efficiency and reliability.
- Developed automation code for **building 60+ pipelines, Kubernetes clusters**, and cloud infrastructure,maximizing 60% efficiency, performance, and security throughout the website
- Developed and maintained **Helm charts** for packaging and deploying **Java-based microservices** and web applications.
- Implemented robust CI/CD pipelines using **AWS CodePipeline, CodeBuild, CodeDeploy, and CodeArtifact** to automate the deployment of microservices to **EC2 instances and EKS clusters**, reducing deployment time and improving reliability.
- Conducted monitoring and log analysis using **Prometheus and Grafana**, leveraging these tools for performance metrics and visualization to enhance system reliability and troubleshoot issues.
- Employed **Docker Compose** to host and orchestrate multiple services directly on bare-metal machines, optimizing deployment without relying on a Kubernetes cluster.
- Optimized resource allocation by implementing autoscaling via Kubernetes **Horizontal Pod Autoscalers** and Cluster Autoscalers, leading to a **30% reduction in compute costs**.
- Assisted in **vulnerability assessment** and penetration testing; identified and remediated security weaknesses. Reduced application vulnerabilities by 20%
- Leveraged **Terraform** to automate the provisioning and management of AWS resources, including EC2 instances, S3 buckets, RDS databases, and IAM roles, significantly reducing deployment time.

Saint-gobain pvt limited - DevOps Engineer

May 2023 - March 2024

- Experienced in crafting Dockerfiles from scratch, constructing Docker images, and orchestrating the entire build and deployment pipeline through **GitHub Actions and Jenkins CI/CD**.
- set up and utilized **ArgoCD in a Kubernetes cluster for GitOps operations**, making it easier to manage and deploy applications from Git repositories."
- Integrated Kubernetes with AWS services such as EKS, RDS, and S3 to build robust and scalable infrastructure, **enhancing application performance by 45%**.
- Integrate **Prometheus** and **Grafana** for seamless tracking, alerting, and visualization of cluster metrics,
- Maintained RDS, Route 53, VPC, RDB, DynamoDB,IAM,SNS services, and over 400+ user accounts in the **AWS cloud**.
- Effectively utilized **Git for version control**, creating and managing development, feature, and release branches aligned with various project phases. Successfully executed Git operations, including merging, pulling, and resolving conflicts to ensure code integrity.
- Developed **Helm charts** for scalable and reproducible deployment of 10+ large-scale applications across **AWS Cloud, Google Cloud**, streamlining the release process.
- Managed infrastructure automation using **Terraform and Ansible**, cutting down provisioning times for new environments by 35%.
- Engaged in **DevSecOps practices**, including conducting image vulnerability scans and Docker container benchmark testing, to enhance security measures within the development and deployment lifecycle.

Tata Consultancy Services limited - DevOps Engineer

February 2021 - April 2023

- Proficient in creating and managing **Azure Build & release** pipelines to orchestrate application deployment to various environments, ensuring efficient and reliable delivery.
- Deployed and managed high-performance, cost-effective **static websites on AWS S3**, leveraging its global infrastructure and robust security features.
- Orchestrated the migration of legacy applications to a microservices architecture using **AWS Lambda**, resulting in a **50% reduction** in deployment time and a 30% increase in system reliability.
- Designed subnets, security groups, IAM roles & policies, EC2 instances(t2/m3), and other AWS infrastructure for 20+ fintech clients in Europe
- Used **Ansible for configuration** management purpose and deployment purpose ,knowledge in dealing with inventory file and host patterns, Idempotency concepts, modules, and writing Playbooks, experienced in YAML.
- Deployed a Kubernetes cluster on **AWS EKS**, constructed Docker images from Dockerfiles, and automated the storage of Docker images in AWS ECR, showcasing expertise in cloud infrastructure management, containerization, and CI/CD integration.
- Implemented **cronjobs** for log deletion through Linux scripting, demonstrating proficiency in Linux administration tasks and ensuring efficient management of system resources and logs.
- Deploy AWS infrastructure and resources using automation and pull requests including **Terraform and Jenkins**, Created AWS & Azure Resources using Terraform.
- Proficient in **Linux system administration, including user and group management**,file system operations, permissions management,collecting, analyzing, and troubleshooting system and application logs to identify and resolve issues.
- Architected and deployed DevOps environments for 10+ applications, aligning with Agile practices to accelerate development and deployment cycles.

EDUCATION DETAILS

Courses	Institution-Board/University	Year	Percentage
B.E(Mechanical)	Priyadarshini college of Engineering, Nagpur	2017	66.22%
HSC	Saraswati Junior college Arjuni/Morgaon	2013	72.50%
SSC	Saraswati Vidyalaya Arjuni/Morgaon	2011	81.60%

CERTIFICATIONS

- Devops Certification
- Certified JUnit expert