| AJAY  DevOps and Cloud Engineer | **(123) 456-7890**  **no\_reply@example.com** |
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**SUMMARY**

* Around **5** years of experience in IT Infrastructure in **Devops** technologies Git, Maven, Jenkins, Ansible, SonarQube, Docker, Kubernetes and AWS Cloud.
* Experience in provisioning **Linux servers** in cloud environments and setting security groups.
* Experience in creating Users, Packages, File Permissions, Services, Network, Troubleshooting Log files and Process Administration in Linux Servers.
* Experienced in Branching, Merging, Tagging, and maintaining the version across the environments using **SCM** tool **GIT** on Linux Platforms.
* Managed code repository in **GitHub**, improved practices of branching and code merge to custom needs of development team.
* Expertise in using **Maven** build tools for the building of deployable artifacts such as JAR, WAR & EARfrom source code.
* Extensively worked on **Jenkins** by installing, configuring and maintaining for the purpose of **Continuous Integration (CI)** and for End to End automation for all build and deployments.
* Experience in Implementing **Continuous Delivery pipelines**.
* Experience working with Docker and managing containers and their lifecycle.
* Experience in **Configuration Management using Ansible** and creating **playbooks.**
* Hands-on experience on Cloud services like **AWS (ELB, EC2, EBS, AMI, SNS, Route53, S3, RDS, Cloud Watch, IAM, Security Groups, RDS and VPC and Auto scaling).**
* Good working knowledge AWS **IAM Service**: IAM Policies, Roles, Users, Groups, AWS Access Keys and Multi Factor Authentication
* Built **S3** buckets and managed policies for **S3** buckets and used **S3** bucket and Glacier for storage and backup on AWS.
* Hands on experience on **Static web hosting, Versioning**.
* Advising suitable **EBS volumes** depending on Application / Database for cost effective.
* Estimating AWS usage costs and identifying operational cost control mechanisms.
* Having experience in monitoring tools **Nagios & Cloud Watch**.
* Collaborate with Infrastructure, Development and Production support teams.

**TECHNICAL SKILLS**

| **Operating Systems** | Linux, Ubuntu & Windows |
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| **Version Control Tools** | GIT, AWS Code Commit |
| **Build Tools** | Maven |
| **CI/CD** | Jenkins, Code Build, Code Pipeline |
| **Containerization Tool** | Docker, Kubernetes |
| **Configuration Management** | Ansible |
| **Scripting Language** | Shell Scripting, Python |
| **Monitoring Tool** | Nagios, Cloud Watch |
| **Source Code Analysis Tool** | SonarQube |
| **Tracking Tools** | JIRA |
| **Cloud Services** | AWS (EC2, S3, IAM, Cloud front, VPC, Route 53, SNS) |
| **IaC** | Terraform |

**EDUCATIONAL QUALIFICATION**

**Master of Technology** from <>

**EXPERIENCE SUMMARY**

**CONFIDENTIAL COMPANY DATE XXX – Till Date**

**Senior Devops Engineer:**

**Responsibilities:**

* Managed applications in containerized environments using Kubernetes. Handled pod scheduling, resource issues, and networking bottlenecks to enhance stability.
* Utilized Terraform to define and deploy infrastructure as code. Addressed resource provisioning discrepancies and maintained consistent infrastructure states.
* Proficiently used AWS services like EKS, IAM, EC2, and CloudFront. Ensured smooth cloud operations, troubleshooting connectivity, latency, and security issues.
* Automated configuration management with Ansible, reducing manual effort. Troubleshooting playbook failures, enhancing deployment reliability.
* Managed source code with Git, GitLab, and GitHub. Resolved merge conflicts, branch issues, and permissions for organized development.
* Created shell scripts for tasks like backups and environment setup. Troubleshoot script failures and performance bottlenecks for streamlined automation.
* Used Python scripts for data manipulation and automation. Addressed script errors and compatibility concerns for reliable solutions.
* Implemented AWS IAM security measures, ensuring least privilege access. Troubleshoot permission mismatches and security vulnerabilities.
* Worked with Docker and Kubernetes on ECS and EKS cloud provider, for building and containerizing the application to deploy.
* Led Infrastructure as Code adoption, tackling drift and configuration inconsistencies. Collaborated on troubleshooting template errors for stable deployments.
* Engaged in cross-functional teams, joining discussions and troubleshooting. Addressed integration problems and deployment issues collaboratively.

**Environment:** Linux, Git, Maven, Jenkins, SonarQube, Apache Tomcat, Docker, Ansible, Kubernetes, AWS-EC2, S3, IAM, VPC, Route 53, SNS, Cloud Watch, Terraform, GitLab, CloudFormation

**CONFIDENTIAL COMPANY DATE XXX – Till Date**

**Devops Engineer**

**Responsibilities:**

* Devops Engineer for a team that involved different development teams and multiple simultaneous software releases.
* Responsible for daily builds/deployments from Integration environment through staging environment.
* Linux server system administration across various environments from development to production.
* Worked in source code management, branch creation and repositories management using Git and GitHub.
* Used Maven as a build tool on java projects for the development of build artifacts on the source code.
* Integrate GIT into Jenkins to automate the code checkout process and trigger builds.
* Responsible for User Management, Plugin Management and End-to-End automation of Build and Deployment process using Jenkins.
* Responsible for CI/CD process implementation with Jenkins using shell scripts.
* Creating Docker images embedded with applications with its hardware and software dependency.
* Involved in container management using Docker by writing Docker files and setting up the automated build on Docker HUB, installed and configured Kubernetes.
* Using Kubernetes, managing containerized applications using its nodes, ConfigMaps, selector, Services and deployed application containers as Pods.
* Worked with Docker and Kubernetes on ECS and EKS cloud provider, for building and containerizing the application to deploy.
* Used Ansible to manage all existing servers and automate the build/configuration of new servers.
* Updating changes and deploying applications in deployment servers by using Ansible Configuration Management tool by using Ansible YAML script.
* Built AWS infrastructure using various resources like VPC, EC2, S3, IAM, ECS, EBS, Security Groups, Auto Scaling.
* Used Amazon Route53 to manage DNS zones and give public DNS names to elastic load balancers
* Supporting and troubleshooting of issues if any during the production releases and production outages
* Assist in evaluating new capabilities that drive automation and scaling of solutions
* Maintained JIRA for tracking and updating project defects and tasks.
* Creating Cloud Watch alerts for instances and using them in Auto-scaling launch configurations.

**Environment:** Linux, Git, Maven, Jenkins, SonarQube, Apache Tomcat, Docker, Ansible, Kubernetes, AWS-EC2, S3, IAM, VPC, Route 53, SNS, Cloud Watch.