**AWS-DEVOPS ENGINEER**

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**Career Abstract**

* **Having 4+ years of experience in the IT industry, hands on experience with Linux, AWS, DevOps.**

**Professional Summary**

* Hands-on experience on Amazon EC2 cloud deployments using DevOps tools like Git, Bitbucket, Maven, Jenkins, Ansible, Terraform, Docker, Kubernetes.
* Knowledge of AWS cloud services like Compute, Network, Storage, and Identity& access management.
* Expert in AWS Services like **EC2, EBS, VPC, ELB, NLB, ROUTE53, IAM, S3,RDS,Cloud Watch, Cloud Trail, X-ray.**
* Experience in configuration of Network architecture on AWS with **VPC, Subnets, Internet gateway, NAT, Route table.**
* Experience in creating Kubernetes cluster with EKS Master and Worker nodes for deploying the application.
* Configured **AWS X-Ray**to find out the root cause of application issues.
* Good interaction with Developers, team members, and managers to coordinate,grooming with the team to assign tasks to implementation of the new environment.
* Utilized Linux, Git, **Docker, Kubernetes** for the runtime environment of the CI/CD system to build, test and deploy. For automation purposes using **Terraform**
* Expertise in source code version management tools like **GIT, Bitbucket.**
* Experience on configuring CI/CD creating jobs and configured master, slaves in Jenkins.
* Troubleshooting Linux servers, CPU, Memory, process checks, etc
* Experience in security deviations service like **Divvycloud** for AWS security insights.
* Having knowledge on setting up and managing Docker private registry and maintaining the Containers registry using **Amazon ECR.**
* Hands-on experience in automation to create AWS infra using **Terraform.**
* Responsible to create infra Dev, QA,Staging, Perf Environments as per team requirement.
* Experience in ticketing tools like **Jira** to update the status of tasks and issues to the client**.**
* Experience on logs and troubleshoot to know the root cause of issue using **Kibana**

**Professional Experience:**

* Working as **Senior Software Engineer**at **Incedo Technology Solutions Ltd, Pune** from February 2021 to now**.**
* Worked as **Cloud Engineer**at **Deccan Info Systems PVT LTD** from October 2017 to Feb 2021.

**Technical Skills:**

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| Core Skills | Linux, DevOps Tools, |
| Cloud Platform | AWS |
| AWS Infrastructure Provision | Terraform |
| Configuration Management Tool | Ansible |
| Build Tools | ANT, Maven |
| Version Control Tools | GIT, Bitbucket |
| Web Servers | Apache, Tomcat |
| CI-CD Tool | Jenkins |
| Languages/Scripts | Shell Scripting |
| Containerization Tools | Docker, Kubernetes |
| Container Orchestration | EKS |
| Monitoring Tools | Cloud Watch, Prometheus,Grafana |
| Artifact Repository | S3 |
| Tracking and Ticketing tools | Jira, Opsgenia, Slack |
| Operating Systems | Linux, Rhel, Ubuntu |
| Security Deviations | Divvycloud |

**Certifications**

* AWS- Amazon IAM, S3, VPC,Autoscaling
* AWS- Cloud Practioner Essentials (Security)

**Project Details**

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| **Project #2** | **ProSoft Technology**  **Feb 2021-Till Date** |
| **Role**  **Environment** | **Sr Software Engineer**  Git, Jenkins, Terraform, Docker, Kubernetes, Promotheus, Grafana, Slack, Jira, Confluence. |

**Responsibilities:**

* Launching Amazon EC2 Instances using Amazon Web Services (Linux/RHEL/UBUNTU) and Configuring launched instances with respect to specific applications.
* Infra configuration will be provided as per team requirements.
* Involved in the installation of applications on **AWS EC2** instances and also configured the storage on **S3** buckets.
* Configured database backup **retention policy** by using **Jenkins.**
* Experienced in building and deploying Java applications in different environments such as DEV, QA, STAGE, PERF, and PRODUCTION.
* Branching, Tagging, Release Activities on Version Control Tools: **GitHub**, **Bitbucket.**
* Extensive usage of **GIT** in windows and **LINUX** environment for version control activities.
* Implemented Continuous Integration & Continuous Deployment (CICD Pipeline) using **Jenkins**
* Experienced in the deployment of applications on Apache Web server and Application Servers such as Tomcat.
* Configuring **S3** bucket permissions and versioning.
* Creating and managing **Elastic Load balancer** on servers.
* Configuring Auto-scaling Policies of EC2 instances based on CPU, network, and Memory.
* Responsible for User Management, regular incremental backups for recovery.
* Configured **cloud watch** alarms on **Ec2** instances based on metrics.
* Good knowledge of configuring **SNS** for alerts.
* Monitoring application/servers using **Prometheus, Grafana.**
* Knowledge of scripting languages like **Bash Shell**.
* Coordinated with the Offshore and Onshore teams for Production Releases.
* Provided on-call 24x7 supports as per issues raised from customers.
* Worked on Production support on **Night shifts (US shift)**and provided on-call support.
* Experience in Staging and Perf environments bring up and bring down prior to release sprint requirement.
* Using **AWS Cost management & Rightsizing recommendations** instances to reduce the cost.
* Configured **Route53** health checks primary and secondary region, enable **latency graph** to know DNS endpoint or health checks failure of root cause and response time.

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| **Project #1** | **Veryme (Vodafone)**  **Oct-2017 to Feb-2021** |
| **Role**  **Environment** | **Cloud Engineer**  Git, Maven, Jenkins, Ansible, Terraform, Docker, Kubernetes, Service Now, Slack, Jira. |

**Responsibilities:**

* Launching Amazon EC2 Instances using Amazon Web Services (Linux/RHEL/UBUNTU) and Configuring launched instances with respect to specific applications.
* Installed application on **AWSEC2** instances and also configured the storage on **S3** buckets.
* Experienced in the build and deployment of Java applications in different environments such as DEV, QA, STAGE, and PRODUCTION.
* Branching, Tagging, Release Activities on Version Control Tools: **GitHub**.
* Extensive usage of **GIT** in windows and **LINUX** environment for version control activities.
* Implemented Continuous Integration & Continuous Deployment (CICD Pipeline) using **Jenkins**
* Experienced in the deployment of applications on Apache Web server and Application Servers such as Tomcat.
* Configuring S3 bucket permissions, versioning, and logging.
* Configuring and managing **load balancer** for high availability.
* Configuring Autoscaling Policies of EC2 instances based on CPU, network, and Memory.
* Responsible for User Management, regular incremental backups, and regular maintenance for recovery.
* Monitoring application/servers using **Cloudwatch, Prometheus, and Grafana.**
* Knowledge of scripting languages like **Bash Shell**.