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**PROFESSIONAL SUMMARY**

* IT Professional with 8**+ Years** of total Experience, Skilled at operating in a wide range of platforms as a technical specialist having **8+ Years** in implementing **AWS Cloud, DevOps, SRE, DevSecOps, Docker, Kubernetes and ELK technologies as an individual contributor.**
* Good understanding of business processes and workflow in the areas of **Finance, Telecom, Railways, Public sector & Consumer Goods**.
* Experienced **SRE & DevSecOps Engineer** to implement and automate DevOps practices to reduce the level of incidents and improve reliability and scalability
* Studying the current processes through detailed discussions with the client’s core team.
* Decent exposure to all popular implementation methodologies.
* Excellent verbal and written communication skills and the ability to communicate effectively with both non-technical business users and technical IT developers &Testers.
* Detail oriented, quick learner, good listener with strong problem-solving skills.
* Proven ability to work under pressure, prioritize and meet deadlines.
* Good communication, management, and presentation skills

**EDUCATION**

**Bachelors in ECE**, 2015.

**University:** Rajasthan Technical University, Kota

**WORK EXPERIENCE**

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| --- | --- | --- | --- |
| **Name of the Client** | **Designation** | **Duration** | **Responsibilities** |
| Hill-Rom | DevOps Engineer | 01, Oct 2023 till present | DevOps engineer working in fully automated CICD implementations in Azure DevOps for client. Prometheus monitoring set up and integration with Kubernetes and log analysis |
| Alstom | DevOps Engineer | 01, July 2022 till 15 Sept 2023 | DevOps Engineer, supported project in scratch implementation over cloud and create automated pipeline using Jenkins and setup monitoring systems such as data dog, Nagios. |
| Dish | DevOps Engineer | 07, Feb 2019 to 24, June 2022 | DevOps & DevSecOps engineer in developing automated IoC as a code, CICD jobs to streamline the deliverables to non- prod and production environments which are on cloud – AWS. |
| MHIS | DevOps Engineer | 05, May 2015 to 06, Feb 2019 | DevOps engineer helps in implementing automated CICD pipelines using Jenkins, setup monitoring using ELK deploy the application (micro services) using helms in Kubernetes environments. |

**TECHNICAL SKILLS**

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| --- | --- |
| **Cloud Platform** | AWS & AZURE |
| **Version Control** | GIT, M/S VSS, Smart CVS, Tortoise SVN |
| **Build Tool** | Jenkins, Git Lab, Bamboo, AWS Code Pipeline |
| **Continuous Integration** | Maven, Ant, MS-Build |
| **Scripting Language** | Python, Shell Script, Windows batch script |
| **Operating System** | AIX v 5.3, Linux/Unix, Ubuntu, Centos, Oracle Linux, Windows 2003 SP2, 2008 R2, 2012 R2  & 2016 Advanced Servers. |
| **Static code analysis** | SonarQube |
| **Application Server** | Tomcat, Web logic |
| **Web Server** | IIS, Apache HTTP, IHS, Oracle HTTP server& Nginx |
| **Bug/Defect Tracking** | JIRA, Remedy |
| **Art factory storage** | Nexus, JFrog, Code Commit |
| **Configuration Management** | Ansible |
| **Infra provisioning** | Vagrant, Packer, Terraform & cloud formation. |
| **Containerization** | Docker & Kubernetes |
| **Databases** | DB2 v 9.5, Oracle 10g, 11g and 12C RDBMS |
| **Monitoring** | Nagios, Cloud Watch, ELK, **Grafana, Prometheus**, Splunk, Dynatrace |

**PROFESSIONAL EXPERIENCE:**

**Client: Hill-Rom Oct 23–Present**

**Role: DevOps Engineer**

Implementation, administration, and maintenance of automated CICD solution for the customer in non prod and production environments.

**Roles &Responsibilities:**

* Create and maintenance of **fully automated CICD** pipelines using Azure DevOps
* Work closely with developers and other teams and troubleshoot environment and build issues
* Great understanding of container technologies such as Docker and kubernetes.
* Strong knowledge in **Prometheus architecture.**
* Prometheus installation and integration with **Kubernetes eco system to collect application logs**
* **Grafana integration with Prometheus** to create dashboards.
* Cost optimization study and take actions to reduce the cost incurred for customers in cloud and other areas.
* SSL certificate deployments.
* Packer tool to create VM golden image in Azure.
* Writing **effective Docker files** to create application stacks.
* **Troubleshoot environment and build issues** time to time.
* Implementation and integration of new third-party tools into existing architecture.
* Support and maintain of application infrastructure.

**Environment:** GIT, Azure files, Azure DevOps, Docker, K8S, Centos OS, **ELK**

**Client: Alstom Jul 22–Sept 23**

**Role: DevOps Engineer**

**Roles &Responsibilities:**

* Usage of AWS services – **EC2, ELK, ELB, S3, SNS, ECS, NFS, Autoscaling** groups.
* Usage of **Docker, Kubernetes, Packer, Vagrant and Ansible**
* Responsible to trouble shoot issues in production and non-prod environments
* Monitoring the entire systems from dev to Prod
* Generation of reports and document preparation to mentor teams
* Install and configured **ELK set up on Linux machines** (server) and captured the file beat, Wingbeat, Metric beat to pull out the log data onto KIBANA GUI- Dashboard for the visualization.
* Kubernetes, container orchestration, Dockers. Worked on POC for Docker and Kubernetes implementation to simulate production application in a cluster (high availability) in non-production environments.
* Creation of immutable **PACKER images** for AWS builder and preserve them in AWS on a need basis.
* Creation of VM’s and provisioning the software’s using Vagrant for developer’s to simulate production environments.
* Strong knowledge in writing Terraform files and reusable modules to enable infra provisioning in AWS.
* **JIRA installation and integration with Jenkins** to raise bugs based on build failures and issue status updated in JIRA
* **Nagios** installation and configuration to monitor the environments.
* Deployed and monitored scalable infrastructure (Auto scaling &Elastic Load balancer) on Amazon web services specifically on AWS EC2.

**Environment:** GIT, Maven, JIRA, Jenkins, JFROG, Ansible, AWS Cloud, Vagrant, Terraform, Tomcat, apache, Cloud watch, Nagios, Docker & Kubernetes

**Client: DISH Feb 19–Jun 22**

**Role: AWS Cloud & DevOps Engineer**

DISH Network Corporation (DISH, an acronym for DIgital Sky Highway) is an American [television provider](https://en.wikipedia.org/wiki/Multichannel_television) and the owner of the [direct-broadcast satellite](https://en.wikipedia.org/wiki/Satellite_television) provider Dish, commonly known as Dish Network.**Project goal is to automation of Infra provisioning and deployment activities using Jenkins, terraform and Ansible over AWS cloud as part of CICD**

**Roles &Responsibilities:**

**As a DevOps engineer performed,**

* Responsible for defining and implementing the build, deployment and monitoring standards for this customer.
* A part of Agile development teams to deliver an end-to-end automation of deployment, monitoring, and infrastructure management in a cloud environment.
* Build and configure delivery environments supporting CD/CI tools using an Agile delivery methodology.
* Create scripts and/or templates to automate and/or bootstrap infrastructure provisioning and management tasks.
* Working closely with our development team to create an automated continuous integration (CI) and continuous delivery (CD) system.
* Work together with vendors and other IT personnel for problem resolution.
* Monitor and support all installed systems and infrastructure.
* **Prometheus and Grafana integration** to Kubernetes.
* Develop custom scripts to increase system efficiency and lower the human intervention time on any tasks.
* Contribute to the design of information and operational support systems.
* Organize the highest levels of systems and infrastructure availability, acting proactively.
* Install, configure, test and maintain operating systems, application software and system management tools.
* Oversee the company’s security, backup, and redundancy strategies.
* Evaluate application performance, identify potential bottlenecks, develop solutions, and implement them with the help of developers.
* Creation of **fully automated CICD** pipelines
* Work closely with developers and other teams and troubleshoot environment and build issues.
* Great understanding of container technologies such as Docker, Docker compose and Kubernetes.
* Written **effective Docker and Docker compose files** to create application stacks.
* **Troubleshoot environment and build issues** time to time
* Implementation and integration of new third-party tools into existing architecture.
* Support and maintain of application infrastructure.
* Creation & Deletion of **EC2 in AWS**.
* Create and maintenance of **AWS CICD pipelines**.
* Create, support, secure and monitor Azure **K8S components** such as pods, Services, Yam specs and network
* Upgrading software versions when needed without hampering the running application configuration.
* Participation in discussion on **new solution design and individual contributor in implementations**.
* **Creation of adios batch jobs** that automates the daily activities

**Environment:** GIT, bit bucket, Docker, Docker compose, Centos OS, Data dog

**Client: MHIS May 15 – Feb 19**

**Role: DevOps Engineer**

Deployment automation and continuous developer support to streamline project automation setting up CICD best practices. Implementation of ELK **solution** for security and monitoring Purposes

**Roles &Responsibilities:**

* **Set up of end- to - end CICD jobs** using **Jenkins, Git Lab** and Tomcat
* Administration of ELK.
* Installation and configuration of **ELK for Log Monitoring Configuration**
* Experience in Creating Reporting and analytics Knowledge On Elk
* **Sync EC2 with S3 buckets** to store important data/logs/files from EC2 directories to S3 buckets - Runtime synchronization.
* Periodical **SNAPHOT's of** VOLUMES and re-use of snapshots to create new volumes for instances based on the need.
* Manage configuration of Web App and Deploy to AWS cloud server through Ansible.
* Working with supporting different Environments with help of
* **Ansible** to deploy applications in different Target Environments
* **Terminating/Stopping/Creating EC2 instances** using AWS Console.
* Creating user accounts for the Dev/QA team using AWS IAM
* Responsible for creating the Jenkins pipelines for Automation job creation.

**Environment:** GIT, GITLAB, ELK, TOMCAT, JENKINS and AWS Cloud