



Rajat Tamoli

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- <https://rajaty.github.io/website/>

About Me

- ✓ 4 years of experience in Software Development, Observability and Devops in Java, Kubernetes, Cloud Platforms, Automation, Application Configuration, and Production.
- ✓ Containerization & Orchestration: Excellent understanding of Docker and Kubernetes Architecture And Helm charts for Containerization & Orchestration and YAML FILES.
- ✓ Cloud computing platforms: AWS (EC2, VPC, S3,SecretManager, Route53, Cloudformation, MSK Kafka), Azure.
- ✓ Terraform, Ansible, Cloudformation.
- ✓ CI & CD: Hands-on experience with deployment service by AWS CI/CD pipelines, Jenkins, and GitLab.
- ✓ Version Control: Experience on the version control platform GitHub and GitLab.
- ✓ Logging, Monitoring, Alerting, Visualization: Worked on various Monitoring tools like Prometheus, Grafana, ELK, Alertmanager, KAFKA, Nginx-Ingress, Wavefront, and Fluentbit.
- ✓ Experience in Apache Nifi Tool and developing Spark programs with Spark.
- ✓ Databases: MySql
- ✓ OS: Linux, Windows
- ✓ Programing Language: JAVA
- ✓ Hands-on Experience with System Administration with Linux (Ubuntu) With Bash, Shell Scripting language and SSL-Non SSL.

Education

- B.TECH Computer Science Engineering**
Global Institute Of Technology – Jaipur, RJ 2015 – 2019
- Intermediate/+2 (RBSE)**
Pratap Adarsh S.S.School – Jaipur, RJ 2013 – 2015
- Matriculation (RBSE)**
Adarsh Vidhya Mandir secondary school – Jaipur,RJ 2012 – 2013

Skills

- JAVA Programming and Apache Spark
- Docker and Kubernetes
- Mysql
- Helm Chart
- Strimzi Kafka/ Confluent kafka/ Apache Kafka
- ELK-Grafana-Prometheus-Nginx-Alertmanager-Kafka
- Version control – GitHub and GitLab
- CI-CD Deployment (AWS/Jenkins/GitLab)
- Terraform, Ansible and AWS Cloud Formation
- Windows and Linux Operating Systems
- Scripting Languages – shell, SSL and Non-SSL and https network
- Jira Tool
- Cloud – AWS (EC2, S3, SecretManager CloudFormation, CI/CD, MSK, RDS etc services)
 - Vmware Teleco
 - Azure
- Web development languages (HTML, CSS)
- Microservices with deployment on Kubernetes, Maven

Work Experience:

Observability Engineer At 8x8 India Pvt Ltd. – (Banglore) (04.2023 – Present)

- Oracle Cloud Infrastructure (OCI) -
- Implementation of Management of IAM and Networking resources, Maintenance of Gitops Infrastructure, and User Support.
- Observability -
- Maintenance of Monitoring and Logging Tools and Implication/Improvement of the 8x8 Observability Platform.
- Deploy Observability Tools in AWS and Oracle Environment using Ansible, ArgoCD, and Jenkins for monitoring and Logging of running Applications in the Server.
- Integrate Dashboards and Metrics, Alerts, and Logs for Observability.
- Deploying Grafana dashboard, alerts, Team, and user creation using Terraform and Terragrunt Module.
- Help to integrate microservices and applications for better Observability of Applications.

Senior Software Engineer At Rakuten Symphony – (Indore) (03.2020 – 04.2023)

Observability Framework of cloud-native applications For Dish and Rakuten for 5g Network (TELECOM):

1. Observability framework (OBF) to collect telemetry data from all 5G network functions that will enable the use of process data to operate and optimize the DISH and Rakuten 5G network based on logs and Metrics of FM, and PM.
2. Worked on Docker and k8s for deploying Microservice on Aws Cloud using CI/CD and Observing the framework for Monitoring and visualization of 4g/5g Network with application data using the below Components on Kubernetes Clusters:
 - ELK Stack, Prometheus and Grafana, Strimzi Kafka, Alert-manager, Apache Spark and Logstash, Fluentbit, Linux Shell, Ngnix, Mysql, Curator, HaProxy.
 - Java and Spring Microservices for Log processing.
 - Apache Spark jobs to stream live data.
 - AWS used as Cloud and Deployment Microservices and Components using CI-CD pipelines with Helm Packages.
 - Telco Cloud, AWS (EBS-SC, S3, RDC, CloudFormation, EC2, VPC, CI cd Pipeline, ECR, RDS, MSK), Terraform and GitLab, Jenkins for Deployment.

Others (Internships and Trainings)

Full Stack Developer Trainee - At JSpiders Training & Development Center (Hyderabad) (2019-2020)

- Conducted in-depth assessments into Java infrastructure with SQL Database and Frontend for design, development, and management of Java-based applications.

Personal Website

- Create a Personal website using Html, CSS, and Bootstrap, Contains links to the project resume and contact information and Hosted on Github-Pages.
- Project Links: <https://rajaty.github.io/website/>

CDAC- ATC Netcom - Internship (Jaipur,RJ)

- successfully completed training under CDAC-ATC Netcom in Angular NodeJs and MongoDB technology under Btech RTU

ROLES AND RESPONSIBILITY

- Implemented CI/CD pipeline using AWS, GitLab and Jenkins for deploying both microservices and monolithic applications.
- Integrate the different Continuous Integration & Deployment tools to achieve automation
- Deploy and maintain CI/CD pipelines across multiple environments.
- Using and implementing OPENSOURCE tools for Cluster and data processing for zero downtime with Observability Framework.
- Configure and integrate Prometheus, Grafana, ELK, and write Terraform, cloud formation and Kubernetes YAML's and Helm Charts.
- Installed, configured, managed, upgraded, and monitored Kubernetes cluster on Cloud service provider and on-premise
- Leading development and operations processes inside the team
- Designed automation script using the shell for full-fledged continuous deployment/delivery.
- Handle Production Environment
- Helping team members to create more efficient work processes and scale systems.
- Participate in customer meetings to understand their requirements/pain points and start working on the tasks.
- Working on ways to automate and improve development, and release processes.
- Working on creating infrastructure and onboarding using Terraform, Ansible and Cloud-Formations.

LANGUAGES

- English
- HINDI

Links

- GITHUB PAGE: <https://github.com/rajaty>
- LINKEDIN PROFILE: <https://www.linkedin.com/in/rajat-tamoli-50599a2a3/>
- Personal Website : <https://rajaty.github.io/website/>

Declaration Statement:

I hereby declare that all the information given above is true and correct to the best of my knowledge.

Signature:
Rajat Tamoli