Rajat **Tamoli**

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📍 Jaipur, Rajasthan, INDIA

🌐 https://rajaty.github.io/website/

Profile

Rajat is a Results-oriented DevOps Observability Engineer with over 4.5+ years of experience in software development, observability, and AWS cloud technologies. Dedicated to optimizing system performance and streamlining deployment processes to drive business success. Seeking opportunities to leverage expertise in Docker, Kubernetes, CI/CD pipelines, Observability Tools and cloud platforms AWS to contribute to innovative projects.

Education

Executive Post Graduate Certification in Cloud Computing by iHUB DivyaSampark, IIT Roorkee
2023 - 2024

B.TECH Computer Science Enginnering

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

- **DevOps Tools:** Docker, Kubernetes, Helm Chart, Terraform, Jenkins, Ansible
- **Cloud Platforms:** AWS
- **Observability Tools:** Prometheus, Grafana Stack, Alert Manager, ELK Stack (Elasticsearch, Logstash, Kibana), Kafka, Fluentbit, Wavefront
- **Programming Languages:** Java, Python
- **Database:** MySQL
- **Operating Systems:** Linux
- **Scripting Languages:** Shell Scripting (Bash)
- **Web Development:** HTML, CSS
- **Other Tools:** Jira, Maven, Microservices
- **Version Control:** GitHub
- **Networking:** TCP/IP protocols, security policies, subnets, IP addresses, DNS, Nginx

Employment History

Devops Observability Engineer At 8x8 India Pvt Ltd.(Bangalore, India)

April 2023 — Present, Remote

- Spearhead observability initiatives, ensuring optimal performance and reliability of company applications.
- Implement and maintain monitoring and logging tools such as Prometheus, Grafana Cloud with Mimir and Loki, Elastic Kibana, Wavefront, OCI Logging, PagerDuty, and Fluentbit, Synthetic Monitoring, Grafana Datasources.
- Automate deployment processes using CI/CD pipelines with Jenkins and infra withTerraform.
- Manage cloud infrastructure on AWS and OCI, including IAM, secret-manager, users configurations.
- Collaborate with development teams to integrate microservices and applications for enhanced observability with grafana Dashboards and Alerting configuration and Migration of teams to the observability platform.
- Develop and maintain Terraform modules to automate deployment processes, ensuring consistency and reliability across environments.

Senior Software Engineer At Rakuten Symphony - (Indore, India)

March 2020 - April 2023, On-Site

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

- Led the development of an observability framework for 5G network functions, optimizing performance based on telemetry data.
- Deployed microservices on AWS Cloud using Docker, Kubernetes, Helm Charts and CI/CD pipelines.
- Utilized ELK Stack, Prometheus, Grafana, Kafka, and other tools for monitoring and visualization.
- Managed cloud infrastructure on AWS and utilized Terraform, GitHub, and Jenkins for deployment.
- Utilize Docker and Kubernetes for containerization and orchestration of microservices, ensuring scalability and reliability.
- Ensure that the environment is performing at its optimum level, manage system backups provide infrastructure support, and make Observability of the environment by Metrics-Logging-Traces.

Internships, Trainings and certifications

Executive Post Graduate Certification in Cloud Computing and DevOps (Remote)
December 2023 - Present [Till October 2024]

- Executive Post Graduate Certification in Cloud Computing and DevOps, From iHUB DivyaSampark, IIT Roorkee By Intellipaat. Their complete assignments and projects and mock tests related to skills.
- **Skills**: DevOps [Docker-k8s, Terraform, ansible, Github, Jenkins, ELK], AWS cloud, Linux, Python, Azure(Self-paced)
- **Certificate:** Executive Post Graduate Certification in Cloud Computing and DevOps, From iHUB DivyaSampark, IIT Roorkee By Intellipaat

Full Stack Developer Trainee - At JSpiders Training & Development Center (Hyderabad, India)
August 2019 — March 2020

- Conducted in-depth assessments into Java infrastructure with SQL Database and Frontend for design, development, and management of Java-based application. Their complete assignments and projects and mock tests related to skills.
- **Skills**: Core Java, Advance JAVA, Sql, Web Technology, Springboot-J2EE
- **Certificate:** Full Stack Developer Trainee At JSpiders Training & Development Center

CDAC- ATC Netcom - Internship (Jaipur,RJ, India)
MAY 2018 — JULY 2018

- successfully completed training under CDAC-ATC Netcom in Angular NodeJs and MongoDB technology under B.Tech RTU,Kota
- **Skills:** Angular and NodeJS
- **Certificate:** C-DAC Tech- Sangam Program with NetParam Technologies Pvt. Ltd

C - Programming - Icon Infotech (Jaipur, RJ, India)
FEB 2016 — April 2016

- successfully completed training cource in C-Programming from Icon Infotech
- **Skills:** C,C++,OOPS
- **Certificate:** C - Programming from Icon Infotech

Projects

Project 1 - Personal Website
- Create a Personal website using Html, CSS, and Bootstrap that Contains links to the project resume and contact information and Hosted on Github-Pages.
- Project Links: https://rajaty.github.io/website/

Project 2 - Comprehensive Observability Implementation with Grafana
Company: 8x8 India Pvt Ltd.
Duration: April 2023 – Present

- T**echnologies & Tools:** Prometheus, Mimir-Loki-Traces, Grafana Cloud, AWS-Cloud, OCI, Terraform and Ansible, Jenkins, GitHub and Github Actions, Docker and Kubernetes, Wavefront, Alerting
- **Role & Contributions:** Deployed, migrate, dashboard-alert creation and managed observability tools, automated everything by CI/CD pipelines and Terraform-Ansible, and migrated teams to a unified monitoring platform.

Project 3 - 4G/5G Network - Monitoring by Observability Framework
Company: Rakuten Symphony
Duration: March 2020 – April 2023

- T**echnologies & Tools:** Docker and Kubernetes, Helm Chart, AWS, Deployments on multiple clusters by Ci-CD, Prometheus-Grafana, ELK-KAFKA, Alertmanager Jenkins, GitHub, JAVA, Microservice, Nginx, DNS, Shell Scripting, Linux
- **Role & Contributions:** Deployed containerized microservices, integrated real-time monitoring, and managed AWS infrastructure. Also using observability to collect telemetry data from all network functions for optimize the **DISH** and **Rakuten** 5G network.

Links

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

LANGUAGES

- English
- HINDI

Declaration Statement:

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

Signature:

Rajat Tamoli