



Lalit Mohan Dubey

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Professional Summary

Seasoned IT professional with extensive experience in designing and building EMS (monitoring & observability tools) Solutions & open-source projects in private and public cloud environments. Deep knowledge of data centre infrastructure including physical servers, virtualization, container, storage, network, Ingress controllers, firewall, perimeter security, cloud native technology, capacity planning DevOps, resilience design and Observability.

Key Skills

- **Observability Tools:** Prometheus, Grafana, Dynatrace, TIG (Telegraf, Influx DB& Grafana) Full monitoring stack & Loki (Log Aggregation Tool).
 - **Cloud Platforms:** AWS, Azure
 - **Programming Languages:** Python, Bash
 - **Configuration Management:** Ansible
 - **CI/CD Tools:** GitLab CI, GitHub, VS Code
 - **Monitoring & Incident Management:** Nagios, NNMi, NPS with iSPI, NA, CISCO Prime, Site Scope, OMW & Zammad (Open-source Ticketing Tool)
 - **System Architecture:** Microservices, Kubernetes, Docker
 - **Data Analysis:** SQL, NoSQL databases, Data Visualization
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Professional Experience

EXPERIENCE SUMMARY

Hewlett Packard Enterprises (HPE)

May 2022 - Present

(Technical Solution Consultant)

- Led the implementation of a comprehensive observability strategy using Prometheus and Grafana, resulting in a 30% reduction in incident resolution

time. Implemented the Observability & monitoring solution as well as Ticketing solution in Containerized platform using HELM package Manager.

- Implemented automated alerting and incident management processes using Alert manager & Openfaas, reducing manual intervention and response time.
- Designed and deployed a centralized logging system with Loki, improving log analysis and system diagnostics.
- Architected and managed observability solutions for cloud-based infrastructure, enhancing visibility into application performance and resource utilization.
- Coordinated with development teams to integrate observability tools into CI/CD pipelines, ensuring real-time monitoring and alerting.
- Developed custom metrics and dashboards in Grafana to monitor application health and performance, enabling proactive issue resolution.
- Collaborated with DevOps teams to optimize container orchestration with Kubernetes and Docker, enhancing deployment efficiency and reliability.
- Managed end-to-end observability projects, from requirement gathering to deployment and post-launch support.
- Directed a team of 4 engineers, providing mentorship, conducting code reviews, and overseeing project delivery.
- Knowledge of Application monitoring through Dynatrace & its Architecture.
- Knowledge of Dashboard Creation in Dynatrace.
- Knowledge of Mgt. Zone Creation in Dynatrace.
- Knowledge of Splunk Architecture & Its Component.
- Knowledge of How to write basic query in Splunk.
- Knowledge of Dashboard creation in Splunk.

(SME - EMS Tools)

- Deployed on-prem based monitoring Solution for Networks & Servers.
- Deployed monitoring stack of NNMi, NPS, iSPI's (Traffic, MPLS, QA), NA, OMW, Site scope.
- Defined customer on-boarding process and framework which helped customer lifecycle, irrespective of whether customer used fully managed services or bring their own tools/service or mix of both. This framework was powered by common integration framework and common event format. This helped reduce customer onboarding time from **2 months to 2 weeks**, reduced MTTR for customer and improve SLO, **CSAT improved by 30%**.
- Key technologies worked on: HP OpenView tool set, shell, Perl, Oracle, Sql Server, Networking, Automation.

Tulip IT Services Ltd.

July 2006 - May 2011

(Sr. Engineer Application Mgt.)

Role included server monitoring & network monitoring & creating performance, availability utilization reports.

Key technologies worked on: Network and security management, Automation Tool, HP OpenView tool set, SQL server, Shell Scripting.

ACADEMICS

B.E in IT

Dr B.R Ambedkar University, Agra – 2003

CERTIFICATION and ACHIEVEMENTS

- NVIDIA ONYX Certified
- AWS Certified Solutions Architect- Associate
- HP NNM Certified Professional
- CA Nimsoft
- HCL O3 Award (continuous 3-year outstanding performance)

Trainings:

NVIDIA InfiniBand Training
NVIDIA Base command Manager Training
NVIDIA Ansible Training

NVIDIA UFM Enterprise Training
Kubernetes Administrator Training
