

AKASHDEEP

Operations Engineer

SUMMARY

Detail-oriented Operations Engineer with hands-on experience in automation, monitoring, and production support. Strong technical foundation in Linux, scripting, CI/CD, and containerization, with a proven ability to resolve critical issues and maintain high system uptime. Known for process optimization, cross-team collaboration, and continuous improvement. Seeking a DevOps Engineer role to expand automation efforts and contribute to reliable, scalable infrastructure.

WORK HISTORY

Operations Engineer, 01/2024 to Current MCarbon Tech Innovation Pvt. Ltd. - Noida, IN

- Managed day-to-day production operations, customer escalations, and ticket lifecycle (handled 160+ production tickets monthly) ensuring SLA adherence and zero downtime.
- Performed end-to-end deployments via Jenkins on bare metal Linux servers and maintained high system reliability across production environments.
- Developed and automated Python/Bash scripts for log backups, partition management, and disk space optimization — eliminating manual interventions and improving backup efficiency by 40%+.
- Implemented monitoring with Zabbix, Prometheus, and Grafana; proactively responded to alerts to prevent service interruptions.
- Managed containerized infrastructure with Docker and Kubernetes (CPaaS pods) including Nginx, RabbitMQ, and Redis.
- Collaborated with QA and Dev teams to identify test gaps, report bugs, and validate production releases.
- Trained junior engineers on standard operating procedures, contributing to a knowledgeable and skilled workforce.
- Provided technical assistance during operational changes via both on-site support and remotely.

CERTIFICATIONS

Software Engineer Intern – Hacker Rank May 2024

SQL Advanced – Hacker Rank May 2023

Data Mining – NPTEL Mar 2023

Software Testing – NPTEL Oct 2022

EDUCATION

Bachelor of Engineering, Computer Science Engineering, 06/2024 Chandigarh University - Punjab

- Relevant coursework: Data Structures & Algorithms, Database Management, Python, Bash
- Internship: Operations Engineer Intern (Jan 2024 – Jun 2024) with production exposure

CONTACT

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CORE COMPETENCIES

- Zabbix Monitoring Tool
- Confluence
- JIRA
- Jenkins
- EFK
- Nginx
- Application Operations
- DevOps Practices
- Ansible

KEY PROJECTS

Client: Axis Bank, Smartping (VISPL).

Enterprise CRM Solutions:

Delivered integrated enterprise solutions with CleverTap & ProGate integrations.

Monitoring and deployment automation.

Customer handling

CPass enterprise business solution.

SKILLS

Languages & Scripting: Python, C++, Bash, Shell Scripting

DevOps & CI/CD: Docker, Kubernetes, Jenkins, GitHub Actions, OpenShift, Git, Jira

Monitoring & Logging: Prometheus, Grafana, Zabbix, Wireshark

Databases: MySQL, MongoDB, NoSQL

Testing & Quality: PyTest, Flake8, Postman

Others: Linux, Nginx, RabbitMQ, Redis