

AARATHY S

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Summary

Highly motivated Junior DevOps System Administrator with hands-on experience in deploying, configuring, and maintaining infrastructure using tools like Docker, Kubernetes, and Ansible. Proficient in scripting languages such as Python and Bash, with a keen interest in automating processes to improve efficiency and scalability. Strong trouble shooting skills and a collaborative team player, dedicated to continuous learning and growth in the field of DevOps.

Skills

- Red Hat Linux
- Kubernetes
- Amazon web Service (AWS)
- Azure
- Docker
- Jenkins
- Jira
- ServiceNow
- GitHub
- Dynatrace
- Incident Management and Root Cause Analysis

Professional Experience

- **Allianz Technologies SE** Junior DevOps Engineer
Trivandrum, India 02/2023 – Current
 - Participated in daily stand-ups and sprint planning meetings to align DevOps initiatives with overall project goals.
 - Ensured high availability of services through proper configuration management techniques.
 - Participated in team-based assessments to ascertain DevOps assignment goals.
 - Deployed applications in Docker containers, simplifying the development and testing processes across multiple environments.
 - Monitored equipment function to verify conformance with specifications.
 - Monitored and maintained critical business systems, ensuring 99.9% uptime and efficient performance across all platforms.
 - Acted as the first point of contact for system-related incidents, performing root cause analysis and providing timely resolutions.
 - Collaborated with cross-functional teams to troubleshoot and resolve high-priority issues, minimizing impact on business operations.
 - Analysed system logs to identify suspicious activities or anomalies.
 - Created and managed Ansible playbooks for automating server configurations, improving deployment efficiency.
 - Performed daily version upgrade activities, ensuring systems remained up-to-date and secure.

Education and Training

- Red Hat System Administration: IPSR Solutions Limited.
- Batchelor of Science in Zoology: Kerala University.

Projects

- Utilized APM tools like Dynatrace to monitor application performance and diagnose issues.
- Implemented automated incident tracking and reporting systems using tools like ServiceNow or JIRA
- Automated deployment processes using Jenkins and Ansible, reducing manual errors and deployment time by 35%
- Migrated legacy applications to Docker containers and orchestrated them with Kubernetes, improving deployment consistency and scalability.
- Conducted a thorough analysis of system bottlenecks and implemented code configuration changes to address performance issues.
- Implemented a unified workflow using JIRA for issue tracking and Confluence for documentation, improving team collaboration and project visibility.
- Managed the deployment pipeline, including automated testing and deployment processes to ensure high-quality releases and reduce downtime.
- Conducted performance testing and tuning, resulting in a 30% reduction in response times and improved overall system reliability.

Achievements

- Reduced manual errors and deployment time by 35% through automation.
- Achieved 30% reduction in system response times through performance testing and tuning.
- Ensured 99.9% system uptime, meeting business-critical SLAs consistently.

Courses

- AZ-900
- AWS Solution Architect
- RHCE

Additional Information

- **Languages:** Fluent in English, Malayalam.
- **Interests:** Continuous learning, cloud technologies, Travelling.