SATHISHKUMAR. S   **8870320261 | loctoparis23@gmail.com**

DevOps

Summary:

● Extensively experienced certified professional in middleware administration, AWS Cloud, DevOps, SRE and Kubernetes.

● Proficient in designing, deploying, and maintaining highly available, reliable, scalable platforms for building and deploying applications in on-premise and AWS Cloud.

● Skilled in implementing robust DevSecOps practices and integrating security measures throughout the development lifecycle.

Technology Skills:

● Operating Systems – Linux (CENTOS, RHEL) and Microsoft Windows Servers

● Middleware – Apache HTTP Server, Apache Tomcat and WebLogic Server

● Configuration Management – Ansible

● Infrastructure as Code – terraform, AWS CloudFormation

● Continuous Integration and Delivery - Jenkins, GitLab, Artifactory

● Cloud – AWS Cloud services (EC2, CloudFormation, ELB, ASG, S3, CloudWatch)

● Containerization and Orchestration – Docker and Kubernetes

● Monitoring and Logging - Prometheus, Grafana, New Relic, ELK Stack and Splunk

● Scripting - shell, PowerShell, groovy and Python

● Databases – Oracle, MySQL and PostgreSQL

Certifications:

● AWS Certified Solutions Architect – Associate

Education:

● Bachelor Of Engineering (B.E), University of Madras, 2019

Experience:

NCR CORPORATION PRIVATE LIMITED Chennai, India   **DevOps Engineer**

(Dec 2023 – till date)

● Implemented highly available and fault-tolerant AWS solutions, infrastructure as code (IaC) tools like CloudFormation and Ansible to provision and manage cloud resources, ensuring system scalability, resilience, and cost-efficiency. And automated ec2 instances rehydration once in every 90 days as per security policies.

● Collaborated with development and security teams to integrate security best practices into the development and deployment pipelines, applying principles of DevSecOps and vulnerability scanning, reducing security risks.

● Orchestrated the deployment and management of containerized applications using Kubernetes, improving scalability and resource utilization.

● Spearheaded the implementation of SRE best practices, reducing system downtime and enhancing overall system reliability. Conducted incident response and post-mortem analyses, implementing proactive measures to prevent recurring issues.

● Implemented monitoring and alerting solutions, reducing incident response time and enhancing overall system visibility and improved System Availability and performance. Leveraging New Relic, Prometheus, and ELK stack to proactively monitor system performance and troubleshoot issues.

● Implemented automation using scripting languages to automate routine operational tasks, reducing manual effort.

● Experienced with tech-refreshes/upgrades and migrations of on-premise and AWS Cloud applications from CentOS to Red Hat Enterprise Linux (RHEL). Leveraged automation tools and scripts to streamline the migration process, automate repetitive tasks, and ensure consistency across environments. Developed custom scripts as needed to automate configuration changes and system updates.

● Designed and implemented disaster recovery and backup solutions, ensuring data resilience and business continuity.

● Maintain up-to-date documentation, including runbooks, incident postmortems and architectural diagrams, to facilitate knowledge sharing and onboarding of new team members.

● Participated in on-call rotation schedules to provide 24/7 support coverage and respond to critical incidents outside regular business hours.