Niteesh Reddy DevOps Engineer

✉ niteesh@mymailsbox.net 📞 937-430-6670 📍 Fairfax, VA in LinkedIn

Profile

Highly skilled DevOps Engineer with over 3 years of experience in architecting and automating CI/CD pipelines, infrastructure, and deployments. Proficient in cloud technologies (AWS, Azure), configuration management (Ansible, Chef), and containerization (Docker, Kubernetes), ensuring scalable and resilient systems. Adept at monitoring and optimizing system performance, implementing security measures, and ensuring compliance. Collaborative and proactive team player with strong focus on continuous integration and delivery, driving efficiency and reducing time-to-market.

Skills

Scripting Language: Python, Bash/Shell scripting

Application Servers and Tools: Apache Tomcat, Sonar Qube, Nginx

Database: MySQL, MS SQL Server, Mongo DB, Amazon RDS

Framework & Tools: Puppet, Terraform, Github, Jenkins, GitLab CI/CD, Harness, Travis CI, CircleCI, AWS Cloud Formation, Azure DevOps, ArgoCD

Others: Amazon Web Services (AWS), JIRA, Unix, Linux, Computer Network, Ansible, Nagios, Maven, Docker, Kubernetes, Nexus, Grafana, Prometheus, LDAP, DNS, Web, FTP, Sub netting, VPC, Firewalls

Professional Experience

DevOps Engineer, *Informatica*   08/2023 – Present │ Remote, USA
- Orchestrated Infrastructure-as-a-Service (IaaS) support on Amazon AWS, proficiently creating and managing EC2 instances using both PowerShell scripting and the AWS Portal.
- Executed advanced configurations for Amazon EC2 machines, including storage pool creation, disk stripping, and adeptly handling backup, configuration, and restoration tasks using Amazon Backup.
- Implemented robust AWS Web Application Firewall (WAF) to efficiently manage and control traffic to various applications.
- Implemented and managed CI/CD pipelines utilizing AWS DevOps tools, ensuring secure code deployment in Amazon Elastic Kubernetes Service (EKS) environments via YAML scripts.
- Extensive hands-on experience in Amazon Development, specializing in Amazon EKS, Elastic Beanstalk, Amazon S3, AWS DMS, EC2 Instances, and AWS Identity and Access Management.
- Integrated Ansible with Jenkins for seamless automation of CI/CD processes, crafting Jenkins workflows and plugins for consistent and repeatable deployments of applications, artifacts, and services to Docker containers.

Cloud Administrator, *Brane Enterprises Private Ltd.(nslhub)*   06/2021 – 07/2022 │ Hyderabad, India
- Orchestrated the deployment and management of AWS resources, including EC2 instances, S3 buckets, and EBS volumes, meticulously aligning configurations with application requirements.
- Engineered robust IAM policies and meticulously monitored security configurations, ensuring compliance with industry standards and fortifying system resilience.
- Spearheaded cost optimization initiatives by analyzing AWS billing and resource usage, implementing automation workflows, and recommending optimizations to enhance performance and reduce costs.
- Utilized AWS monitoring tools such as CloudWatch to proactively monitor resource performance and set up custom alarms, swiftly identifying and addressing deviations from expected norms.
- Championed automation through the development of CloudFormation templates, AWS CLI/SDK scripts, and AWS Lambda functions, streamlining resource provisioning and routine operational tasks.
- Collaborated cross-functionally with developers and DevOps engineers to seamlessly integrate AWS services into the application stack, ensuring scalability, reliability, and adherence to security best practices.
- Handled data management initiatives, ensuring data protection, disaster recovery readiness, seamless migration between AWS services and on-premises systems, and adept troubleshooting for uninterrupted service delivery.

DevOps Engineer, *Genpact*   04/2020 – 06/2021 │ Hyderabad, India
- Implemented and managed an automated build and release process using Maven and Jenkins CI, resulting in a 30% reduction in deployment time and increased build efficiency.
- Configured and customized Jenkins to establish automatic builds, including Webhooks and Poll SCM, resulting in a 40% reduction in manual intervention.
- Implemented effective alerting mechanisms to notify relevant team members about build issues, reducing average response time to critical issues from hours to minutes.
- Optimized CI/CD pipeline by integrating GitHub, Maven, Jenkins, and others, while configuring SonarQube for code quality, resulting in a 20% improvement and faster deployment cycles.

Education

Master of Science, *University of Dayton,*   08/2022 – 12/2023 │ Dayton, USA
Computer Science

Bachelor of Engineering, *GITAM University,*   06/2017 – 05/2021 │ Hyderabad, India
Computer Science & Engineering