GENEVIO R

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OBJECTIVE

Experienced System Engineer transitioning to a DevOps Engineer role, skilled in optimizing CI/CD pipelines and automating infrastructure management. Proficient in cloud platforms like AWS, Azure, and GCP, with expertise in Docker and Kubernetes. Seeking to leverage my proven track record in enhancing team collaboration and driving continuous improvement in DevOps practices to contribute effectively to innovative software development initiatives.

SKILLS

Continuous Integration: **AWS CodeBuild , Jenkins**

Container Orchestration: **Docker, Kubernetes**

Configuration Automation: **Terraform, Ansible**

Deployment Services: **AWS CodeDeploy**

Release Management: **AWS CodePipeline**

Artifact / Package Management: **Docker Hub**

Paas/Container Service: **AWS Lambda**

IT Service Management: **ServiceNow**

Source Control Management: **GitHub**

Public Cloud: **Amazon Web Service, Microsoft Azure, Google Cloud Platform**

AWS Services: **S3, RDS,IAM,CloudTrail,CloudWatch, EMR, SNS, SQS, Route53, Cloud Migration, AWS Kinesis firehose etc**

Database Language: **MySQL, NoSQL**

Big Data Tools: **Apache Spark ,SparkSQL,DataBricks**

Monitoring Tools: **Grafana, Prometheus ,Trivy Scan, Owasp**

Soft Skill: **Problem solving**

EXPERIENCE

TATA CONSULTANCY SERVICES, Chennai

Designation – DevOps Engineer

February 2022 – PRESENT

ROLES & RESPONSIBILITIES

- Design, implement, and maintain robust CI/CD pipelines for efficient software delivery.
- Automate manual processes using tools such as Ansible enhance deployment and configuration management.
- Utilizing Docker for containerization and orchestrate applications with Kubernetes.
- Implementing Infrastructure as Code (IaC) using tools like Terraform to automate infrastructure provisioning.
- Managing version control systems, particularly Git, for code collaboration and versioning.
- Worked closely with development and operations teams to ensure seamless integration and deployment
- Collaborate on cloud platform AWS ensuring scalable and reliable infrastructure.
- Troubleshoot and resolve issues across development, testing, and production environments.
- Collaborated in an Agile environment, participating in sprint planning, reviews, and retrospectives

ASPRO TECHNOLOGIES, Nagercoil

Designation: Python Developer

December 2020 – January 2022

ROLES & RESPONSIBILITIES

- Collaborated with cross-functional teams to gather and understand project requirements
- Wrote clean, efficient, and maintainable code following best practices and coding standards.
- Debugging and troubleshooting software issues, providing timely resolutions to ensure optimal performance.
- Participated in code reviews to ensure code quality and mentorship from senior team members
- Assisting in the design and implementation of software solutions, contributing to architecture discussions.
- Stay updated on industry trends and emerging technologies relevant to Python development.

PROJECTS

Objective: **Team Communication Solution on AWS**

Summary: Implementing a Team Communication Solution using Mattermost and AWS. This is a scalable solution that can be hosted on a on-premises data center or on a public cloud, with its servers, storage etc. completely managed and controlled by your IT team in accordance with a company's governance and security requirements.

Tools used: **VPC, EC2, Security Group, Internet Gateway/NAT instance**

Objective: **Containerizing Lambda deployments using OCI Container Images**

Summary: The introduction of Lambda support for OCI container images provides customers with more choices when it comes to packaging formats. Developers can now choose to take advantage of the event-driven runtime model and cost-savings advantages of AWS Lambda, while taking advantage of the predictability and control offered by a container-based development and deployment cycle.

Tools used: **ECS, AWS Lambda, Docker**

Relevant Projects: https://eportfolio.mygreatlearning.com/r-genevio

EDUCATION

B.Tech in Mechanical Engineering – Karunya University-2020

CERTIFICATIONS

Great Lakes Executive Learning, Bangalore - Post Graduate Program in Cloud Computing

Certified Professional in Business Analytics

PERSONAL INFORMATION

Name: Genevio R

DOB: 21-11-1998

Nationality: Indian

Languages Known: English,Tamil,Malayalam