Vishnu S

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WORK EXPERIENCE

App Mastery Toronto, Canada (Remote)
Cloud Engineer (Full-time) *July 2022 - Present*

- Designed production workflows and AWS CodePipelines to manage releases for 4 teams, reducing manual intervention by 95 percent.

- Automated multitenancy flow for identity store federation and domain creation using AWS Cognito, DynamoDB, Lambda functions, and AWS CodePipeline.

- Improved monitoring by creating workflows that automatically provision dashboards and alarms for 60 percent of the resources using AppConfig, Lambda function, Anomaly detection, and AWS CodePipeline.

- Orchestrated seamless integrations across cross-functional teams, data services, and infrastructure leveraging CDK TypeScript for SaaS projects resulting in a 70 percent reduction in deployment time.

- Communicate with different teams, organize infrastructure deployment flows, and carry out production deployments to minimize downtime by 90 percent.

Gritfy Technologies Chennai, India
DevOps Engineer (Internship) *May 2022 - July 2022*

- Acquired knowledge about cloud security best practices and authored multiple technical articles for proof of concept projects.

- Explored container orchestration by using Azure Kubernetes Services designed using Infrastructure as Code tool Terraform.

- Implemented data streaming workflow to establish a connection between Confluent Kafka, Azure Events Hub, and Snowflake.

- Worked on creating a location-based routing protocol with AWS accelerator, Load balancer, and EC2.

EDUCATION

Indian Institute of Information Technology, Kottayam Kerala, India
Bachelor of Technology - Computer Science and Engineering; CGPA : 8.11 *2019 - 2023*

PROJECTS

- [AWS-GitHub OpenID Connect](): GitHub Actions workflow to automate deployments to EC2 from GitHub without using any IAM credentials, with OpenID Connect concept.

- [ECS Automation](): CDK TypeScript Project to automate the ECS deployments using a custom Docker image.

- [Serverless Image Handler CDK](): A CDK version of the Serverless Image Handler solution which helps to modify and implement it efficiently.

- [Cross-account CodeBuild Trigger](): CDK TypeScript Project to trigger a cross-account CodeBuild deployment using a Node.js Lambda function.

ACHIEVEMENTS

- [AWS Community Builder]() : Selected into the AWS Community Builder Program 2023 under Containers category

- [Linux Foundations Training Scholarship (LiFT)]() : One among 501 people worldwide selected for The Shubhra Kar Linux Foundation Training (LiFT) Scholarship Program 2022, under Cloud Captains category.

- [Hashnode]() : Technical articles on the open source cloud solutions.

- [Other articles]() : Authored multiple technical articles under DevOps practices, Cloud services and Cloud tutorials.