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Objective:

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Detail-oriented and certified AWS Cloud Solutions Practitioner with a background in cloud architecture, infrastructure, and deployment. Seeking a challenging role to leverage my expertise in designing, implementing, and managing scalable and secure AWS solutions.

Education:

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Bachelor of Science

Tver State Technical University, Russia

Certifications:

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AWS Certified Cloud Practitioner

Skills:

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- Cloud Computing: AWS (Amazon Web Services)

- Infrastructure as Code: AWS CloudFormation, Terraform

- Virtualization: EC2, VPC, Lambda, S3, RDS

- Networking: Route 53, VPC, CloudFront, VPN

- Security: IAM, KMS, Key Management, Security Groups

- Monitoring and Logging: CloudWatch, CloudTrail

- DevOps: CI/CD, Git

- Scripting: Python, Bash

Projects:

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Creating a static website integrating Terraform, Github CI/CD, AWS S3:

This project aimed to establish a straightforward S3 bucket-based website managed using Terraform and orchestrated by GitHub Actions. The primary objective was to automate the creation, management, and deployment of a simple website hosted on an Amazon S3 bucket.

By utilizing Terraform, the infrastructure as code (IaC) tool, the project defined the AWS resources required for the S3 bucket, including its configuration, policies, and permissions. GitHub Actions was set up to respond to changes pushed to the main branch of the repository, automatically triggering the redeployment process, ensuring seamless updates to the website.

The workflow involved version-controlled infrastructure changes through Terraform, enabling rapid, consistent updates and modifications. Moreover, any updates that was pushed to the main branch of the repository seamlessly triggered a redeployment of the website, ensuring the latest changes are reflected promptly.

The project's primary components included:

- Terraform for defining and managing AWS resources.

- GitHub Actions for automation and CI/CD processes.

- S3 bucket serving as the hosting platform for the website content.

Overall, the project aimed to establish a streamlined, automated process for managing and deploying a static website hosted on an S3 bucket using Terraform and GitHub Actions, ensuring efficiency, consistency, and ease of maintenance.

References:

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Available upon request.