Karan Chugh

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SUMMARY

AWS Certified Cloud Associate with exceptional problem-solving skills thrive to build scalable, fault tolerant cloud infrastructure solutions. With AWS hands on experience and in-depth knowledge of cloud principles and technologies, my goal is to create cloud solutions with industry best practices.

WORK EXPERIENCE

Lake Pearl Solutions - Cloud Engineer   **Mississauga, ON**
Project: Creating serverless infrastructure to capture data through a website   Sept. 2022 – Present
Technologies used: Terraform, GitHub Actions, S3, DynamoDB, Lambda, API gateway, Route 53, Cloudfront, GitHub VCS
Responsibilities:

- Initializing terraform remote backed for state locking using DynamoDB and S3
- Configuring S3 encryption, versioning, public access to store website files
- Setting up databases on DynamoDB to store and update customer data
- Invoking Lambda function via JS to access and update DynamoDB
- Creating API gateway to communicate between website and lambda function using RESTful
- Creating Hosted zone in Route 53 and managing DNS records
- Deploying CloudFront to improve website distribution & security using TLS certificate
- Implementing Terraform modules to create, manage and deploy AWS IaC
- Creating CICD pipeline using GitHub Actions for frontend and backend
- Monitoring infrastructure performance using CloudWatch & health checks

Concentrix   **Mississauga, ON**
Technical Support Analyst   Sept. 2020 – Aug. 2022

- Provided technical assistance to 50+ customers weekly, communicating via email and phone
- Configured, installed and maintained VPN network software and ensured connectivity with cloud server.
- Identified, investigated and resolved VPN issues using Remote LogMeIn Rescue to ensure Network IP address and DNS are configured correctly

Proace Business Solutions   **Brampton, ON**
IT Technician   Jan. 2020 - Aug. 2020

- Provided basic application and software guidance to the customers
- Multitask and perform troubleshooting across Windows/Mac operating systems
- Performing software repairs, installation of an operating system, drivers install/upgrade

Thakar Infotech   **Chandigarh, India**
QA Analyst   Jun 2017 - Jun 2018

- Gained knowledge of website development including HTML, CSS
- Created and assigned JIRA tasks to application developer after identifying test failures
- Analyzed and documented results of IT system tests and reported status to management

CERTIFICATIONS

AWS Certified Solutions Architect - Associate   July 2022

SKILLS AND INTERESTS

- Cloud Platform: AWS EC2, S3, ALB, ASG, VPC, IAM, DynamoDB, Cloudfront, API gateway, Cloud Formation, Route53
- Infrastructure as Code: Terraform
- CI/CD: GitHub Actions, Jenkins
- Containerization: Docker, Kubernetes
- Version Control: Git
- Scripting: Bash
- Linux OS
- Python
- Visualization: Tableau
- Excellent communication, analytical and critical thinking skills, problem solving, attention to detail

EDUCATION

Fanshawe College : Graduate Certificate Program   **London, ON**
Electronics and Embedded Systems Technology   August 2019
Chitkara University : Bachelor of Technology   **Chandigarh, India**
Electronics and Communications Engineering   July 2016