

KARAN SACHDEVA

PERSONAL PROFILE

Karan is a Cloud Infrastructure Engineer and an automation enthusiast, bringing with him 7 years of experience in I.T.

A technological focused in strategic thought leadership concentrated around Cloud, DevOps Automation, Hybrid Cloud and Cloud Migration. Karan has provided consultation in cloud strategy, solution design and DevOps.

Together with B.tech in Computer Science, Karan is also AWS Certified Solution Architect – Professional. Seeking a position to utilize my skills and abilities in the IT Industry, where growth prospects are unlimited and individuality is recognized by culture

GET IN CONTACT

Mobile: +91-9315713865

Email: sachdevakaran0715@gmail.com

Linkedin: linkedin.com/in/karan-sachdeva-063a19ba

SKILLS

VCS: Github

CI Tool/Security: Jenkins, Travis

Infrastructure as Code: Terraform, Cloudformation

Containers: Docker

Container Orchestration: Kubernetes, EKS

Cloud: AWS

Operating System: Linux, RHEL7, CentOS

Logging & Monitoring: Cloudwatch

EDUCATION HISTORY

B.Tech in Computer Science

LOVELY PROFESSIONAL
UNIVERSITY
(2008-2012)

CERTIFICATES

- AWS Certified Solutions Architect - Professional (09/2020 - 09/2023) Validation Number 1046SXWD21Q1QGSY
- AWS Certified Advanced Networking - Specialty (06/2020 - 03/2023) Validation Number WKG2Z02GBF1QDGV
- AWS Certified SysOps Administrator - Associate (05/2020 - 05/2023) Validation Number XSKT3MMCGBRE15WD
- AWS Solution Architect Associate (07/2017 - 07/2020) Validation Number RK65SNGCCM141NW5
- HashiCorp Certified Terraform Associate (08/2020 - 08/2022)
- AWS Certified Developer Associate (11/2020 - 11/2023) Validation Number Q9F73FSD224EQCKK
- Certified Kubernetes Administrator (02/2021 - 02/2024) Validation Number LF1xt9ili6gs
- AWS Security Speciality (04/2021 - 04/2024) Validation Number - 0VZK765J1BRQQM98

EXPERIENCE

PROFESSIONAL SERVICES DELIVERY ENGINEER, SPECIALTY DOMAIN III - IN
RACKSPACE (MAY 2020 – PRESENT)

Project Responsibilities

- Building out new customer cloud solutions using cloud native components and DevOps.
- Setup a large AWS account from scratch. During this, I worked on a lot of key AWS Services such as Multi-Region CloudTrail, AWS SSO, AWS CMK's, VPC Flow logs, AWS Config, AWS Config aggregator, SCP policies, Moving account between organisations, CloudWatch metric filters.

- Setup the whole Network Architecture for one of my clients, which include TGW and a Highly available IpSec VPN Connection.
- Currently playing the role of an AWS Architect and designing solutions for banking applications.
- Design, implement, and extend automation tools for infrastructure, application and container management.
- Deploying, supporting and monitoring new and existing services, platforms, and application stacks using different tools.
- Help in maintaining stability, security, efficiency and scalability of different systems by applying software engineering practices.
- Help in hiring new talent for different roles w.r.t DevOps.

Technology: Kubernetes/AWS/EKS/Terraform

- Design an end-to-end solution for java web application running over AWS and accessed via on-prem data centre vm's.
- Designed and worked on migrating legacy environment running on AWS EC2 to new eco running on AWS EKS.
- Automated and deployed infrastructure using IAC (Terraform).
- Configuring cross account connectivity for applications running across different AWS account to communicate with external entities either using an external AWS load balancer etc.
- Documenting all learnings and troubleshooting in confluence which can help others when facing similar issue.

CLOUD MIGRATION AND IMP SENIOR ANALYST

ACCENTURE (MAR 2017 – APR 2020)

Project Responsibilities

- Established DevOps framework using Terraform, GitHub and Travis.
- Implemented and built AWS Infra (VPC, Subnets, Route Tables, ELB, EC2, SG, NACL, Transit Gateway, IAM Roles, S3, EFS, RDS) as IaC using Terraform templates.
- Created end to end HLD and LLD for AWS and DevOps.
- Have performed the migration of around 200 linux servers from on-prem to AWS using CloudEndure.
- Also worked on AWS to AWS migration which involves migrating encrypted snapshots from one AWS account to another.
- Improve the stability, security, efficiency and scalability of different systems by applying software engineering practices.
- Mentor juniors and help them resolve tasks

Technology: AWS/CloudEndure/Travis

- Automated infrastructure deployment using CI/CD pipeline which involved Github, Travis and Terraform.
- Setup CloudEndure and migrated server.
- Created custom terraform modules for creating and deploying infrastructure over AWS.
- Led and trained other resources on AWS, Terraform and DevOps framework.
- Deployed Fortigate as IPS/IDS solution on AWS cloud using terraform templates.
- Coordination with Application and Testing teams for end to end deliverables.
- Providing best practices and cost effective architecture for cloud implementation.