Rinkesh Patel

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💼 https://patelrinkesh24.github.io/portfolio/

CAREER OBJECTIVE

Actively seeking an opportunity to implement and coordinate the migration of on-premises infrastructure to the cloud to manage and support cloud infrastructure for the company's growth.

WORK EXPERIENCE

Jr. Software Developer- Keryar, Anand, Gujarat, IN   May 2019 – Dec 2020
- Building restful APIs using Django.
- Using the restful API made a dynamic webapp which changes according to the data.
- Build a time tracker admin panel for the organization to manage internally.
- Ability to investigate issues, determine impact and provide solutions.
- Experience in creative problem solving and successfully executing tasks.
- Experience with design and implementation of complex business applications in a team environment using Agile methodology.

TECHNICAL SKILLS

Cloud Technologies: Amazon Web Service (AWS), Microsoft Azure, Google Cloud Platform (GCP).
DevOps Tools: Docker, Kubernetes, Containers, Terraform, Ansible, Linux, Infrastructure.
Programming Language: C, C++, Java, Python, PHP, JavaScript.
Database: MySQL, Microsoft SQL Server.
Soft Skills: Teamwork, problem-solving, prioritizing tasks under strict deadlines.

EDUCATION

Cloud Architecture and Administration | Seneca College | Toronto   Jan 2022 - Aug 2022
Ongoing
Cloud Architecture, Cloud Integration, Data Storage and Management Strategies, Deployment Automation and Operational Security, Portable Technologies in Cloud, Project Management.

Big Data Solution Architecture | Conestoga College | Kitchener   May 2021 - Dec 2021
Achieved 3.4/4.0 GPA.
Relational Database implementation, Programming for Big Data, Data analysis mathematics, Algorithms and modelling, Software Quality, Data Integration and Storage, Web analytics and Business Intelligence Tools.

Bachelor's in Information Technology | Gujarat Technological University   Aug 2016 – Aug 2020
Achieved 8.7/10.0
C, C++, Java, Python, Artificial Intelligence, Internet of Things, Data Structure, Computer Networks, Web Technologies, Distributed DBMS, Data Mining and Business Intelligence.

PROJECTS

Deployment of a 3-tired web application to managed k8s cluster on Amazon EKS.   August 2022

Tech Stack: Kubernetes, Docker, EKS, ECR, IAM, GitHub Actions.
- Implemented containerized applications to address highly available and scalable applications.
- Enhanced flux application to add configurable background and secrets.
- Created Docker image build and publishing automation with GitHub Actions.
- Granted application access to an image stored in a private Amazon S3 bucket using IAM.
- Created and deployed application manifests using kubectl client.
- https://github.com/patelrinkesh24/Deployment-of-3-tiered-web-application-to-managed-K8s-cluster-on-Amazon-EKS.

Effective use of Terraform to deploy multi-environment infrastructure.   August 2022

Tech stack: VPC, IGW, NAT GW, EC2, Bastion, Subnets, Security Groups, IaaC.
- Terraform code to deploy infrastructure that deploys 2 VPCs that simulate pre-production and production environments.
- Peering between two VPCs.
- EC2 instances deployed into respective VPCs with limited ingress, protocols, and ports.
- Modularized approach used for Terraform configuration.
- https://github.com/patelrinkesh24/milti-environment-infrastructure-using-terraform.

Deploy and publish the company's main application with a layer-4 load balancer.   August 2022

Azure Services: VMs, VNets, VNet peering, regional and global LB, Private DNS.
- Deployment of two VNets in different locations with two data center VMs with installed IIS.
- Deployed two client VMs in different locations to test the architecture.
- Create layer-4 load balancer to redirect the client requests to VM in region closest in proximity.
- Created Private DNS to set up FQDN client can use to make a request.

CERTIFICATIONS

+	Microsoft Azure Fundamentals (AZ900)	Jul 2022
+	AWS Academy – Introduction to Cloud Semester 2	Jul 2022
+	AWS Academy – Introduction to Cloud Semester 1	Jun 2020
+	AWS Cloud Practitioner Essentials	May 2020
+	AWS Academy Cloud Foundation	Mar 2019