

RAHUL VADAKKINIYIL

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Thiruvananthapuram

CLOUD ENGINEER

Experienced and skilled Cloud Engineer with a proven track record of designing, implementing, and optimizing cloud infrastructure for various organizations. Proficient in AWS and Azure platforms with deep knowledge of networking, security, and automation. Strong problem-solving abilities and a passion for staying current with the latest cloud technologies to drive innovation and streamline operations. Seeking to leverage expertise in a challenging and dynamic environment.

SKILLS

Cloud Platform: AWS,Azure

Version Control: Git, GitHub

CI/CD Tools: AWS CodePipeline,Git,GitHub,Bitbucket,
Jenkins

Scripting: Bash,Python

Infrastructure as Code (IaC): Terraform/CloudFormation

Networking: DNS, Routing, Firewall and VPN

Web Servers: Nginx,Apache,Tomcat,IIS

Database: Mysql,Postgres,MongoDB

Containerization: Docker, Kubernetes

PROFESSIONAL EXPERIENCE

HoneyKode Technologies Private Limited

May 2022 - Present

Cloud Engineer

Currently employed as a Cloud Engineer at Honeykode Technologies Pvt. Limited, overseeing the design, deployment, and management of cloud infrastructure.

Accomplishments:

- Designing and implementing scalable and reliable cloud solutions using Amazon AWS, Microsoft Azure, and other cloud platforms.
- Implementing and optimizing cloud security measures to ensure data protection and compliance with industry standards.
- Automating infrastructure and deployment processes using tools such as Terraform, Docker, and Kubernetes.
- Monitoring and troubleshooting cloud environments to ensure optimal performance and uptime.
- Used AWS to architect, design, develop, test, and deploy cloud-based application for data visualization increasing efficiency and effectiveness of data processing.Migrating AMI & RDS on a different AWS account.
- Implementing cost-control strategies.Setup & Managing Linux Servers on Amazon using EC2, EBS, SSL,RDS, Security Group and IAM. Proficiency in IaC tools such as Terraform, Managing VPC, Subnets make connection between different zones blocking suspicious IP via ACL.
- Create & Managing buckets on S3 and store db and logs backup. Also Configured S3 bucket for transferring the object files and also defined bucket policy & CORS configuration.
- Familiarity with containerization technologies like Docker and orchestration tools like Kubernetes.
- Configured AWS NAT, ALB service, OpenVPN, AWS snapshot, AWS Elastic IP, AWS EFS, AWS Lambda, AWS Cloud Front, AWS WAF, AWS Container Service, AWS CloudWatch. Configured AWS Lambda for daily AMI backup & to start and stop the server for a given time.Configured the apache with a reverse proxy.
- Experience in deploying and managing CI/CD pipelines to deploy to EC2,ECS & S3 using GitHub and Bitbucket and done version control. Working knowledge of databases and SQL.
- Developing scripts and code for cloud automation tasks.
- Evaluating and recommending new cloud technologies and tools. Experience migrating from On-premises to cloud platform.

Server Administrator Trainee**Nov 2021 - May 2022****IPSR Solution Limited Kochi**

A program facilitated to provide hands-on experience in System ,Cloud Administration led by Tech Support division of IPSR. During the internship, gained the following skills.

Accomplishments:

- Server Configuration for Website/Web Apps, Server Hardening, Server Tuning, etc.
 - Server Monitoring and Troubleshooting, Shell Scripting, Git, Mail server, DNS and FTP.
 - Hardware and Networking.
 - AWS Cloud Computing.
 - IP Addressing & Subnetting.
 - Responsible for assisting senior server administrators in maintaining and troubleshooting servers.
 - Monitoring server performance and identifying potential issues.
 - Assisting in creating and maintaining backup and recovery plans.
 - Learning how to manage user accounts and permissions.
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EDUCATION

Vimal Jyothi Engineering College, Kannur B.tech EEE	2018
P E S Vidyalaya Edat, Kannur Higher Secondary	2014
International Indian School Riyadh, SaudiArabia SSLC	2012

GLOBAL CERTIFICATION**RHCSA CERTIFICATION**

CERTIFICATION ID: 220-120-281

AWS Certified Solution Architect Associate (SAA-C03)CERTIFICATION ID: 3100356e7679448faf0deb41326b00e6
