**Vignesh N**

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**CAREER OBJECTIVE**

To be Engineer where I can utilize my skills, abilities and growth in knowledge to the further development of the organisation and achieve my professional carrier.

**EXPERIENCE:**

**Hands on experience in AWS cloud:**

* Provisioned a VPC for a 3-tier architecture application.
* APP hosting in Linux & windows servers.
* Created a notification alarm (SQS,SMS,Email) when instance CPU util is high, using SNS,SQS,CW.
* Created a S3 bucket, Hosted a static website on it and enabled logging.
* Purchased a domain name and hosted a website on it using R53.
* Managed and Created groups, roles, policies, and user in IAM.
* Provisioned instance under a load balancer and enabled auto scaling (requested spot instance for cost reduction).

**Hands on experience in DEVOPS:**

* Worked on different branching strategy on GIT, GITHUB and handled conflict issues.
* Auto deployment using Apache tomcat in Jenkins, worked in pipeline scripts.
* Configured a VPC infrastructure in Terraform, created state file locking in S3 bucket & listed it in Dynamo DB.
* Worked in ansible ad hoc commands, playbook, roles, master slave setup.
* Created multiple containers in a server machine backed up in remote hub with docker file.
* Managed monitoring activities with Splunk, Prometheus Grafana

**EDUCATIONAL QUALIFICATION**

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| --- | --- | --- | --- |
| DEGREE/STANDARD | NAME OF THE INSTITUTION | PERCENTAGE/CGPA | YEAR OF PASSING |
| B.E  (PCE) | RVS College of Engineering & Technology | 7.98 | 2022 |
| H.S.C | Nandha Matric Higher Secondary School | 76.5 % | 2018 |
| S.S.L.C | Nandha Matric Higher Secondary School | 93.2 % | 2016 |

**TECHNICAL SKILLS**

* AWS – EC2,S3,ELB,ASG,R53,IAM,VPC,RDS,DynamoDB,Lambda,Redshift,SNS,SQS,CW,CT
* Deployment Tools/ Servers - Apache, Nginx &Tomcat
* DEVOPS - Terraform, GIT, Ansible, Docker, Jenkins,splunk
* Operating System - Amazon Linux, Ubuntu, Red hat & Windows
* Python
* MS Office

**AREAS OF INTEREST:** Coding, Scripting, Cloud and DevOps

**CERTIFICATION**

* Certification course on “Fundamentals of Digital Marketing” by GOOGLE
* Certification course on “Python Programing” by Itronix solutions

**WORKSHOPS & WEBINAR**

* Attended Python Workshops on IPCS Automation
* Attended webinar on “Design of Heat Transfer Equipment”

**LANGUAGES KNOWN:**  English, Tamil, (Read & Write)

**ACHIEVEMENTS**

* Won State level award for paper presentation on E-vehicles.
* District level winners in Hockey

**PROJECTS**

**i) VM MIGRATION IN AWS**

Done by using aws migration service

**ii) CONTINOUS INTEGRATION/CONTINOUS DEPLOYMENT (CI/CD)**

Service used: code build, code deploy, code pipeline

Code Build - Used to compile source code and other dependencies into a zip file and pushed to a S3

Code deploy - Used to deploy application to the web server

Code Pipeline - Used to continuous Integration

**iii) CONFIGURATION OF DISASTER RECOVERY MODEL**

Service used: ACM,R53,MYSQL,ELB,S3,IAM,CLOUD WATCH

**HOBBIES:** Reading blogs, Cooking, Gaming

**DECLARATION**

I Vignesh N, hereby declare that the information given by me is true and correct to the best of my belief.