# **Abdul Vahab**

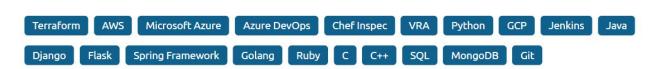
Software Engineer- DevOps, CloudOps

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#### **EXPERIENCE SUMMARY**

I have 1.7+ years of experience in various projects and client facing with CirrusLabs India Pvt Ltd. My journey so far gained me experience over IaC, CICD, DevOps, CloudOps and Agile Transformation.

#### **TECHNICAL SKILLS**



#### **WORK EXPERIENCE**

### Software Engineer - DevOps

CirrusLabs India Pvt Ltd

07/2019 - Present

Bangalore, India

#### **EDUCATION**

## **BE - Computer Science and Engineering**

Anjuman Institute of Technology and Management

07/2015 - 06/2019

Bhatkal, Karnataka

#### **PROJECTS**

### **1. Cloud Kitchen** (09/2020 - Present)

Cloud Kitchen is a web application that will bring together all the cloud services as well as add new services to automate the process of cloud account creation, infrastructure creation and so on.

**Recipes Development** - Development of Terraform Recipes such as Azure MSSQL Database and Azure MySQL Database Recipe and Making All developed DB Recipes as Geo-Redundant, Creating Pipelines for Developed Recipes, Creating Architectural Diagram and Design Documents that are Client Compliance

**Automation/Acceptance Testing** - Creating Automated test templates using chef inspec which is based on Ruby, Executing test templates through ADO Pipeline, Publishing test results through ADO Pipeline

**Deployment using Terraform Enterprise** - Deploying and testing developed recipes using Enterprise version of Terraform, Publishing Production based Recipes as a Terraform Module in Terraform Enterprise

**UI/UX Support** - Creating Json Schema of developed Recipes which is to be validated and Exposed from front end

**Deployment using VRA** - Deploying and testing developed recipes using VRA, Development of Cloud Agnostic Recipes using VRA, Publishing Production based Recipes as a VRA Catalog in VMware Service Broker

### **2. IP Flow Automation** (10/2020 - 12/2020)

IP Flow Automation is a Service which will Automate Flow of IP from Different Cloud to On-prem and Vice versa and integration of different APIs(ServiceNow, DNS, F5) within Terraform Recipes for Different Clouds(AWS, Azure, GCP)

**Recipes Development** - Development of AWS Terraform Recipe that will executes DNS and F5 Provisioners, Creating Pipelines for AWS IP Flow Recipe

**Terraform Provider Development -** Development of Custom Terraform Provider(Data and Resource) using Golang for Different APIs, Provider Authentication based on Azure Credentials

**Automation/Acceptance Testing** - Automated test templates using chef inspec, Executing test templates through ADO Pipeline, Publishing test results through Pipeline

### **3. Marketplace** (03/2020 - 08/2020)

Marketplace is a application which will provision and manages the Cloud Accounts, Cloud infrastructure and Deployments (AWS,Azure,GCP)

**Recipes Development** - Development of Terraform Recipes such as AWS MySQL Database, and AWS MSSQL Database Recipe, Creating Pipelines for Developed Recipes, Architectural Diagram and Design Documents that are Client Compliance

**Automation/Acceptance Testing** - Creating Automated test templates using chef inspec, Executing test templates through Pipeline, Publishing test results through Pipeline

**Deployment using Terraform Enterprise** - Deploying and testing developed recipes using Enterprise version of Terraform, Publishing Production based Recipes as a Terraform Module in Terraform Enterprise

**UI/UX Support -** Creating Json Schema of developed Recipes which is to be validated and Exposed from front end

**Terraform Provider Development(Data Provider)** - Development of Custom Terraform Data Provider using Golang to Call Any REST APIs, Different API integrations to the Terraform Recipe

### **4. Virtual Desktop** (07/2020 - 08/2020)

Virtual Desktop is a Workspace(VDI) Provisioning Application which will automates the VDI Allocation to the Employees of Different Organizations based on requirements

**Recipes Development (AWS Cloud Formation)** - Development of AWS Cloud Formation Recipe that will executes AWS Workspace service to create a workspace based on user Requirement

**API Development** - Development of APIs(using AWS Lambda) which will executes developed Cloud Formation Recipe

### **5. Recipes** (08/2019 - 02/2020)

Recipes are the Infrastructure as a Code which will provision and manages the Cloud infrastructure and Deployments (AWS,Azure,GCP)

**Recipes Development** - Development of Terraform Recipes such as AWS-Webfront, Azure-Webfront, Creating Pipelines for Developed Recipes, Architectural Diagram and Design Documents that are Client Compliance, Azure ARM Templates, Deployment using PowerShell Scripts

**Deployment using ADO Pipelines** - Deploying and testing developed recipes using Azure DevOps Pipelines

#### **CERTIFICATIONS**

HashiCorp Certified: Terraform Associate

11/2020 - 11/2022