

## VINOTH R

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### **OBJECTIVE:**

To work in an environment offers for innovative experiences, which would provide me a knowledge base, to enhance my talent, exposure and knowledge and which in turns benefits the organization.

### **SUMMARY:**

An astute Teaching and professional with 12 Years of experience as in Configuration management (Ansible), Infrastructure automation (Terraform), Continuous Integration and Delivery/Deployment (Jenkins), Containerization & Container Orchestration (Kubernetes & Docker), Metrics, Message streaming & Log Monitoring Tools (Grafana, Prometheus & Apache Kafka) performing maintenance, troubleshooting, support, administration and Deployments. Proven ability to work with team leaders, business stakeholders and globally dispersed teams.

### **PROFESSIONAL EXPERIENCE:**

- **Devops Engineer – Broadway InfoTech Ltd,, Madurai** from Sep 2022 to Dec 2023.
- **Cloud Ops Engineering Senior Analyst – Accenture India Pvt. Ltd., Bengaluru** from Sep 2021 to July 2022
- **Analyst- HCL Technologies Pvt. Ltd., Madurai** from July 2016 to Sep 2021
- **Assistant Professor** – Sethu institute of Technology, Kariappati, Madurai from July 2012 to June 2016
- **Lecturer** – SKP Engineering College, Tiruvannamalai from July 2011 to March 2012

### **WORK EXPERIENCE:**

**Client Name:** Impex

**Duration:** Sep 2022 to Dec 2023

#### **Roles & Responsibilities:**

- Installed and configured the HA-Proxy setup for the UBUNTU servers, Create the Docker image for dotnet applications, run the docker container in Kubernetes cluster.
- Create the Gateway using Apache APISIX with making route configuration and upstream, streaming the APISIX logs using KAFKA Cluster and monitor the same logs using Grafana and GreyLog.
- Experience with create the Dotnet Web application and convert in to docker image and deploy in to Kubernetes cluster with the help of CI/CD Pipelines in Jenkins technology.
- Installed and configured Grafana to constantly monitor network bandwidth, memory & CPU usage, hard drive status, HTTP request & response, and Status of HTTP response.
- Develop and maintained CI/CD methodologies to speed the development process through automation by Jenkins server.
- Hands-on Experience of software containerization platforms like Docker and container orchestration tools like Kubernetes and Docker Swarm
- Create the Cloud formation script and Terraform script for build the infrastructure as EC2 with autoscaling, Deploy the docker container in ECS (EC2 & Fargate) & EKS.

**Environment:** AWS Cloud Formation & Terraform, ECS & Fargate, EKS, Docker & Kubernetes, Apache Kafka, Grafana & GreyLog

**Client Name:** AT&T  
**Duration:** Sep 2021 to July 2022

**Roles & Responsibilities:**

- Developed and Designed the CI/CD pipelines to manage the resources across multiple subscriptions in Azure
- Experience in Branching, tagging and maintaining the version in different environment using Azure repos
- Creating the Monitoring Alerts, Dashboard, Resource graph for Every application.
- Familiar to resolving the Configuration and Software Vulnerability related issues of Linux Operating systems
- Handling to setup CCH for the Application owner access their web and app server via CSO Comm Host server.
- Managed Kubernetes charts using Helm, created reproducible builds for Kubernetes applications, managed Kubernetes Manifest files, Managed release Kubernetes Helm packages.
- Performed in migrating on-premises applications to Azure and configured VNETs and subnets as per the project requirement also performed PowerShell scripting to do Patching , Imaging , and Deployments in Azure
- Used Shared Image gallery to store the created images and built the Azure pipelines in Azure Devops to implement all these services in Azure.

**Environment:** RHEL 7 & 8, Ubuntu 18 & 20, Azure, Azure DEVOPS, Docker & Kubernetes.

**Client Name:** Janseen  
**Duration:** March 2019 to Sep 2021

**Roles & Responsibilities:**

- Experience in Performance Management as Monitor and tune system to achieve optimum performance levels, and provide reports to support metrics collection
- Troubleshoot the Azure related issue and engage internal teams and vendor for issue resolutions.
- Understand the latest features like (Azure DevOps, OMS, NSG Rules, etc..,) introduced by Microsoft Azure and utilized it for existing business applications
- Container Management using Docker by writing docker files and setup the automated build on Docker hub and installed and configured Kubernetes.

**Environment:** Operating Systems RHEL6&7 & SUSE 10&11,Centos 7 & 8, Ubuntu 18 & 20, Azure services, Azure Devops, Bash Shell scripting, Ansible Playbooks, Azure Devops, Kubernetes and Docker.

**Client Name:** Johnson & Johnson ( The Largest Pioneer Pharmaceutical Vendor)  
**Duration:** July 2016 to Feb 2019

**Roles & Responsibilities:**

- Provided Linux Admin L1 support to ensure 99.999 % uptime and availability of all Unix/Linux Production Machines

- Supported Server running HP-UX/Linux for global customers from offshore Team for leading multinational Company in various platforms around off 25000 servers in all cross platforms
- Familiar with File Systems like creating File systems, extending File systems, extending swap memory & shared file system using LVM(Logical Volume Manager) and Patch Installation.
- Experience for creating, troubleshooting the playbooks and executing Ansible Adhoc commands
- Handled Printer related tasks like Creating Printer Queue, Troubleshooting Printer issues
- Worked with TCP/IP configuration, Network Teaming , Fault Tolerance and High Availability
- Experience of Configured the LDAP server and LDAP Client on Linux Machine for authorization and authentication.
- Experienced in performance tuning of servers using tools like vmstat, iostat, sar, top, free, netstat

**Environment:** HP RP, BL series Servers with following Operating Systems RHEL6&7 & SUSE 10&11,Centos 7 & 8, Ubuntu 18 & 20, Azure services, Azure Devops, Bash Shell scripting, Ansible Playbooks.

### **CERTIFICATIONS:**

- Completed EMC2 Cloud computing certificate as Architect level.
- Microsoft Azure Fundamental (AZ-900)
- Microsoft Devops Engineer (AZ-400)
- Microsoft Azure Administrator (AZ-104)
- Red Hat Certified Engineer (RHCE) ID: 190-001-610
- Red Hat Certified System Administrator (RHCSA) ID: 190-001-610

### **ACADEMIC PROFILE:**

Degree	Year	Institute
M.E	2011	THIAGARAJAR ENGINEERING COLLEGE, Madurai. TamilNadu
B.E	2009	"ARULMIGU KALASALINGAM COLLEGE OF ENGINEERING" TamilNadu
HSC	2005	"MRR MAVMM Hr Sec School" TamilNadu
SSLC	2003	"Madurai Meenakshi Matric Hr Sec School" TamilNadu

### **COMPUTER PROFICIENCY**

- Linux/Unix : Red Hat (RHEL 6,7&8), Centos (7&8), SUSE (10 &11), Ubuntu (20 & 22)
- Operating System : Win (98/2000/XP/Vista/Windows7 /8), Windows 2019/2022 Datacenter.
- Cloud Technology : AWS, AZURE, GCP
- Configuration Management & IAAC : Ansible, CloudFormation, Vagrant, Terraform
- Server handled : HP Blade series, DELL Rack
- Ticketing Tools : ITIL Service Now, JIRA

**Personal Details:**

- Father's Name : Ramesh S.
- Permanent Address : 62 A, Mathichiyam Middle Street, Madurai  
TamilNadu (State) 625020.
- Nationality : Indian
- Sex : Male
- Date of Birth : 12th SEPTEMBER 1987
- Hobbies & Interests : Playing Videogames & listening music
- Marital Status : Married
- Passport : U3614107

I hereby affirm that all the information stated above is true to best of my knowledge.

**Place:****Date:****VINOTH R**