

## Work Profile

**Name: - Varun K R**

B. Tech

Certified AWS SA

Certified Kubernetes Administrator (CKA)

## Skillsets / Expertise

a. Total Work Experience (Yrs) : ~3

b. Technical Skills

Platforms	Linux, Red Hat, Cent OS, Ubuntu
Cloud / Virtualization	AWS (EC2, ELB, Route53, S3, RDS, IAM, EBS).
Languages	Shell scripting, Python
Configuration Management	Ansible, Terraform
Source Code Management	GIT
Continuous Integration	Jenkins
Build tools	Maven.
Web and Application Servers	Apache Tomcat 8.x, Odoo Apache2, Nginx, IIS
Databases	MySQL, RDS, Mongo DB, PostgreSQL
Containerization	Docker, Kubernetes
Monitoring tools	Cloud Watch
Others	GIT, Maven, Java, Tomcat, Terraform, kubernetes, Jenkins, Red hat, Ubuntu, Ansible, Spinnaker, Rancher, Prometheus, Grafana

c. Professional Experience

- Configuring and maintaining AWS such as EC2, S3, Route53, IAM, VPC, RDS, Cloud Watch.
- Designing HA, cost effective and fault tolerant systems using multiple EC2 instances, Auto Scaling, Elastic Load Balance and AMIs
- Administering Jenkins and secured Jenkins with role based access controls and matrix based project access.
- Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.

## Work Experience

### 1. Project: - Mresult

My responsibilities in the project include: -

1. Maintained Git workflows for version control (Source code Management)
2. Hands-on knowledge of software containerization platforms like Docker and container orchestration tools like Kubernetes and Rancher
3. Developed and maintained automated CI/CD pipelines for code deployment using Jenkins and Spinnaker
4. Experience in managing server monitoring tools like Prometheus and Grafana
5. Experience in managing Docker image repositories like Docker Hub and Artifactory
6. Hands-on experience in working with Atlassian tools like Jira, Bitbucket, Confluence
7. Strong working knowledge of cloud environment and tools. AWS hands-on experience in network topology, protocols and debugging on Linux systems
8. Worked effectively with cross-functional design teams to create software solutions that elevated client side experience and significantly improved overall functionality and performance.
9. Demonstrated ability to effectively establish and maintain working relationships across disciplines and across the organization
10. Flexible and adaptable; able to work in ambiguous situations

### 2. Project: - Torrey Harris Business Solution

My responsibilities in the project include: -

1. Implemented, developed and tested installation and update of file servers, print servers and application servers in all departments.
2. Established network specifications and analyzed workflow, access, information and security requirements.
3. Enhanced availability of infrastructure through enterprise-wide planning, thorough testing, efficient implementation and comprehensive support.
4. Worked with users to determine areas of technology in need of improved usability.

