# Keecheril Jobin Varghese

**Address:**
Flat no.2, Geet garden,Plot no. 214, Sector: B,
N-1, Cidco, Aurangabad, 431003. Maharashtra.

**Contact:**
(+91) 9673561508
keecheril.jobin@gmail.com

## OBJECTIVE

I am a student and would love to be the same to learn new technologies. Technology always amazes me and I try to find new ways to apply it. I am simply a Learner, Thinker and Developer.

## TRAINING AND CERTIFICATION

- RHCSA – RedHat Certified System Administrator **(EX200)**
- RHCE – RedHat Certified Engineer **(EX300) (Training)**
- Docker and Kubernetes **(Training)**
- RedHat Certified OpenShift Administrator **(EX280)**
- RedHat Certified Specialist in Ansible Automation **(EX407)**
- Red Hat Ceph Storage Architecture and Administration **(CEPH125)**

**CERTIFICATION ID : 180-025-330**

## EDUCATION

**Deogiri Institute of Engineering and Management Studies, Aurangabad** -
*BE (Computer Science)*
**June 2020 CGPA: 7.77**

**Vasantrao Naik Junior College, Aurangabad** - *HSC*
**March 2016 Percentage: 63.08%**

**St. Xavier's High School, Aurangabad** - *SSC*
**March 2014 Percentage: 85%**

## SKILLS

- Linux Operating System
- Docker
- Podman
- Buildah
- Ansible
- AWS
- OpenShift
- Kubernetes

## ACHIEVEMENTS AND EXPERIENCE

1. Internship of period 20 days in Carlsberg India Pvt. Ltd.
2. Volunteer and Host of OpenSource Conference in Aurangabad.
3. RedHat College Ambassador.
4. Team Leader for NES Project competition (Top 50 in India )
5. Workshops attended: Open Source Technology, Open Source Conference, Docker, Monitoring clusters.

## PROJECTS

1. **Artificially Justified Assistant Technology (AJAT):** I cheerfully completed this project with my team. **Implementation on**: Raspberry Pi.

   **Summary:** AJAT is a voice assistant designed on Raspberry Pi which is capable of responding to the queries that have been asked to it in local language. Google Assistant SDK was used.

2. **Docker Images**: My contribution to Open Source; I created two docker images and shared it on Docker Hub.

   **Summary: 1.** The first docker image is useful for network-administrators as they can check the connectivity to any IP address or a domain over the Internet as soon as this image runs.

   **2.** The second image is a number-guessing game written in python and lets the user guess a random number selected by the computer on command line

3. **Gitting with AWS:** Project for the Open Source Exhibition.

   **Summary:** This project could be achieved in two ways: **1.** Deploying an aws instance using Ansible playbook and integrated the same instance with git to deploy our changes in html file without down time. **2.** Use code pipeline and s3 bucket to deploy our changes directly from GitHub to our html page.

4. **Agentless Automation:** This is my Final Year project.

   **Summary:** This project is set towards Automation which will ease the work of the System Admins. We as a team decided to develop a software which will provide an easy and efficient way for the system admin to manage all the computer systems in his/her organization. The administrator does not need to know anything about ansible at all. The back end of this software will be handled by Ansible playbooks.

## OPEN SOURCE CONTRIBUTIONS

- Content of Information titled as **"Monitoring Single-node Ceph Cluster using Prometheus and Grafana on AWS"**
- Content of Information titled as **"Ansible Architecture and Working"**
- Content of Information titled as **"Towards Automation"**
- Docker image for network administrators **(kjv3615/ping)**
- Docker image for number-guessing game on command line **(kjv3615/guess-game)**
- Awareness Program: **Basics of Linux**, **Docker, Ansible, Containerization, Why OpenSource?**

## DECLARATION

To whomsoever it may concern, I do hereby declare that the above particulars of information and facts stated are true, correct and complete to the best of my knowledge and belief.

**DATE :** 19th May 2020 **Keecheril Jobin Varghese**