

# Ayush Rawat

Final Year (B.Tech)  
Information Technology  
at Ajay Kumar Garg Engineering College

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## Links

Github:// **AyushRawat-17**  
LinkedIn:// **rawat-ayush**  
Medium:// **ayushrawat-17**  
Ansible Galaxy:// **ayushrawat\_17**

## Skills

### OS

Red Hat Enterprise Linux 8,  
Windows

### LANGUAGES

C/C++, Python, Javascript

### DEVOPS

Kubernetes, Ansible  
Jenkins, Terraform  
Docker & Podman

### CLOUD

Amazon Web Services(AWS)  
GCP

### FRAMEWORK/LIBRARY

Flask,  
React.js

### DATABASES

MySQL, MongoDB

### OTHERS

Markdown, Git, Vim,  
VS Code,  
Figma

## Education

2019-2023

B.TECH. IN IT

Ajay Kumar Garg Engineering College

2018-2019

SENIOR SECONDARY

Kendriya Vidyalaya

Percentage: 87.8%

2016-2017

HIGH SCHOOL

Kendriya Vidyalaya

Percentage: 87.4%

## Internship/Training

JULY, 2022-NOW **Web Developer**

**LinuxWorld Informatics Pvt Ltd**

Writing well-designed, testable, efficient code by using best software development practices. Creating website layout/user interfaces by using standard HTML/CSS practices. Integrating data from various back-end services and databases.

*React.js, MongoDB, Node.js, Express.js, Flask, AWS, Jenkins, Terraform, Docker, Kubernetes*

SEPT, 2021-JULY 2022 **Technical Volunteer at ARTH2.0**

**LinuxWorld Informatics Pvt Ltd**

Assisting 10+ learners by helping them with solving their queries related to technical session technical tasks and arranging activities like daily meetups, attendance procedures of the Training process of ARTH2.0.

*DevOps, Cloud, Data Science, Big Data, Full Stack Development, Linux OS*

## Certification

JULY, 2021 **Red Hat certified Engineer(RHCE)-EX294**

**87.3%**

Certificate ID: 210-107-918

## Projects/Open Source Contribution

JULY, 2021 **Automated Kubernetes Cluster Configuration using Ansible**

**AWS, Ansible**

A DevOps project based on Ansible and AWS Cloud used to configure the MultiNode Kubernetes Cluster on the AWS Cloud on a single click.

MAY, 2021 **Ansible Roles for K8S Master, Slave and EC2 instance** **Ansible**

These are the roles/modules contributed to Ansible Roles open source repository Ansible Galaxy. These roles provide facility to the Ansible developers to directly install into their project and configure the Kubernetes Master or Slave according to their need with Flannel CNI and EC2 instance roles helps to provision required infrastructure for the Kubernetes on AWS Cloud.

Nov, 2020 **Automation of Multiple Technology using Python**

**Python, Hadoop, Docker, Apache Webserver**

This project provides a CLI based interface for the Automation of Multiple Technology like Hadoop, Docker, Linux LVM storage, Apache Webserver and AWS using which we can create HDFS cluster without knowing technical configuration. There are multiple operations we can perform on AWS like launching EC2, Managing S3 storage and many more. On LVM module we increase/decrease storage on the fly.

## Position of Responsibility

APRIL, 2022 **Organised Offline Hackathon and Contest**

Organised Offline Web Development Hackathon in the College in association with DLT Labs. Worked in the deployment of the contest portal and the Judgement of the Project.