

# Ayushi Gupta

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## EDUCATION

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- **The LNM Institute of Information Technology** Rajasthan, India  
*B.Tech in Computer Science; GPA: 9.34*  
*Aug. 2016 – Till now*
- **St. Anselm's Sr. Sec. School** Jaipur, India  
*Class XII; Percentage: 94.4*  
*2016*
- **St. Anselm's Sr. Sec. School** Jaipur, India  
*Class X; GPA: 9.4/10.0*  
*2014*

## SKILLS ENDORSEMENTS

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- **Programming Languages:** : C—Java—Python
- **Other:** : Big Data Hadoop—RedHat(Linux)—Ansible—Docker—Cloud Computing—OpenCv

## INTERNSHIPS/TRAINING

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- **Intern at Linux World Informatics Pvt Ltd:** Worked on Batch Processing Using Hadoop Framework Real Time Processing Using Spark and Running Application on Large Cluster under containerized Docker Engine Developed by DevOps-Ansible-Over Cloud Using Python Programming. (June 2018 – July 2018)
- **RH413 and RH342:** Training of Red Hat Enterprise Linux Diagnostics and Troubleshooting, Red Hat Security and Server Hardening. (Aug 2018 – till now)
- **DO180 and DO285-Openshift:** Training on Containers, Kubernetes, and Red Hat OpenShift which introduces building and managing Docker containers for deployment on a Kubernetes cluster.. (Aug 2018 – till now)

## PROJECTS

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- **Own Cloud**  
*Services Provided over our cloud were*
  - **SAAS:** Provided clients with Firefox Browser software on their system from DOCKER running on the cloud
  - **STAAS:** Storage was provided using NFS,SSHFS protocol,also block storage using ISCSI Protocol
  - **CAAS:** Provide terminal for Docker Container
  - **PAAS:** Provided Python Platform for clients
- **Agricultural Growth**  
*Machine Learning and Data Science*
  - **Graph Analysis:** Predicting suitable crop for harvest based on graphs using matplotlib,numpy,seaborn
  - **Hadoop and Map-Reduce:** Data Sets were on Hadoop Cluster and predictions using Mapper Reducer Program
  - **Machine Learning:** Using Linear Regression Predicted the Expected Rainfall and Suitable Fertilizer to use.

## CERTIFICATIONS

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- **Red Hat Certified Specialist in Ansible Automation** Jul 2018 Jul 2021  
*RHCoE in Ansible*
- **Red Hat Certified System Administrator** Jul 2018 Jul 2021  
*RHCSA*

## EXTRA CURRICULAR

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- **ACM:** Active Core Committee Member
- **Eminence(Fashion Club LNMIIT):** First RunnerUp at DTU, Finalist at IIT Roorkee
- **Volunteer:** IEEE, LNMHacks 1.0, ASME
- **Counselling Cell LNMIIT:** Student Mentor
- **TA:** Computer Organization and Architecture