

# Kshitiz Saini

(DevOps + Linux) Enthusiast

I am a Pre-Final year Computer Science Undergraduate and a Tech Enthusiast who seeks experience by learning, to increase knowledge along with some fun. I am a C++ developer who loves to explore new technologies, develop software solutions and quick hacks. I am skilled in DevOps and Cloud Computing, and am actively looking for summer internship opportunities.



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## EDUCATION

### B. Tech in Computer Science Engineering with specialization in DevOps

University of Petroleum and Energy Studies, Dehradun

06/2018 - Present

8.66 CGPA

## PERSONAL PROJECTS

### Mutex: The System Metrics Analyzer (02/2021 - Present)

- This project used the Linux FileSystem Architecture to fetch the info about the processes in our devices and dumps it on our terminal.
- All the deployment and development of the project will be maintained by using a full fledged DevOps pipeline.

### L2-Emulator (09/2020 - 12/2020)

- This project focuses on implementing Data-Link Layer of TCP/IP Stack which highlightins the features of Generic Graph Topology.
- The project uses virtual routers, switches, links as well as nodes to depict the overall functionality of network topology.

### useradd like command (07/2020)

- This project focuses on implementing the command to add users in Linux which accepts the username as an argument.
- The project uses the functionality of Linux File management and makes use of the files to add the user.

## WORK EXPERIENCE

### Web & App Developer Intern

Clay Engage

05/2020 - 07/2020

*Achievements/Tasks*

- Worked as an App & Web Developer Intern with the role to host and deploy websites over Docker Containers.
- Shifted some of the services from the local servers over to AWS Infrastructure.

### Software Developer Intern

OpenGenus Foundations 📄

09/2019 - 12/2019

*Achievements/Tasks*

- Worked as a Software Developer Intern, working on open source projects on GitHub and also working as a technical writer.
- Contributed to Cosmos which is one of the largest algorithmic data-store resulting from contributions from over 800+ programmers.
- Wrote 14 tech-blogs during my internship which can be found on [iq.opengenus.org/author/kshitiz/](https://iq.opengenus.org/author/kshitiz/).

## SKILLS

C

C++

Python

Java

SQL

Git & GitHub

Shell Scripting

Maven

Jenkins

Docker

Ansible

AWS

Kubernetes

## ACHIEVEMENTS

Awarded Most-Hardworking Team in U-Hackathon 2.0 organized by UPES (03/2020)

Secured First position in HackPhoria organized by IEEEBU at Bennett University, Noida (02/2020)

Secured First position in Hackathon 2.0 organized by CSI-DITU (01/2020)

Secured First position in India Innovation Series Hackathon 2020 organized by Incubate India (01/2020)

## CERTIFICATES

Blockchain Basics (04/2020)

Technical Support Fundamentals (04/2020)

Responsive Web Design (03/2020)

Version Control with Git (03/2020)

The Data Scientist's Toolbox (05/2020)

## LANGUAGES

English

*Professional Working Proficiency*

Hindi

*Full Professional Proficiency*

## INTERESTS

Big Data

Cloud Computing

Data Science

DevOps