

# Sachin Agrawal

3rd year , B.Tech , CSE .



sachinagr12345@gmail.com ✉

7618123526 📞

Rajasthan, India 📍

bit.ly/sachin-portfolio 🌐

linkedin.com/in/sachin-agrawal-82184b175 in

github.com/sachin-cpp 🐙

## EDUCATION

### B.Tech

University of Petroleum and Energy Studies

06/2018 - 06/2022

Computer Science Engineering

- Specialization in Cloud Computing and Virtualization Technology

## WORK EXPERIENCE

### Cloud Intern

Celebal Technologies

01/2020 - Present

Tasks

- **Migrating** On-Premise servers on **cloud** (Azure) , **BCDR** included .
- Providing **ETL** services/solutions to different companies using **AWS GLUE** , **redshift** and other Azure/AWS cloud services .

### Co - Founder

Startup PHEETA

09/2018 - 08/2019

Incubated under UPES Center for Innovation and Entrepreneurship.

- A device that measures distance between two points with **no line of sight** .
- Wrote **Arduino** code for **GPS Neo-6M** to collect data from maximum satellites possible.
- Implemented **firebase** for requesting and receiving data from **NodeMCU** (esp8266) .

## ACHIEVEMENTS

- Selected among top 5 from university in Smart India Hackathon (SIH-2019)
- Selected among top 25 Uttarakhand Startups 2019.
- Participated in IIT Roorkee Hackathon 2019.
- In top 10 teams at U-Hackathon 2019.
- Secured 3rd rank in Tech Stars Startup weekend powered by GOOGLE 2018.
- Attended IOT Workshop at IIT Roorkee powered by Microsoft, Thomso2k18 .
- ACM VFX-core committee member .

## SKILLS

C

C++

Data Structures

AWS

Azure

IOT

Github

SAP

Problem Solving

Web Development

## PERSONAL PROJECTS

AWS - Serverless application for secure file upload

- A fully automated web application with a simple user interface that keeps user's files secure **without asking users for their login credentials**.
- Users can read or write their files if they have that specific key generated at time of uploading the file.
- **Tech** - Connecting two **S3** buckets with **API gateway** for get-post requests , Used **lambda** function with some **IAM** roles for management and security.

IOT + Data Analytics - Farm Friendlyy 🌱

- An **IOT device** that gathers most of the necessary data required for cultivation of land , when installed on that particular place.
- Further that data is manipulated to provide us with the best crop possible to cultivate this land.
- **Tech** - Used various IOT devices to give us desired data , simple regression techniques used for data analysis.

Socket Programming - Simulating different Cloud services 🌐

- Used client-server concept in c to simulate different types of services including **IaaS** , **PaaS** and **SaaS** .
- Implemented User login secure validation for multiple users to use services at the same time on different computers.

Web Dev - SAKSHAM

- This project aims to create a **user-friendly web-based Learning Management System (LMS)** for **8 government schools** adopted by UPES .

## CERTIFICATES

- CCNA in May 2019 offered by CISCO .
- Software Engineering Fundamentals through Coursera in May 2020.
- Fundamentals of AWS through Coursera in June 2020 offered by Amazon.
- Bits and Bytes of Networking through Coursera in June 2020 offered by Google.
- Git and Github through Coursera in May 2020 offered by GIT.
- Computer Networking through Coursera in April 2020 offered by Google.