

# venu agarwal

## OBJECTIVES

- Seeking for a good position in the technological field with keen interest in Cloud Computing & Virtualization Technology along with Development.
- I want to contribute my experience from different domains to the company and learn different approaches to the problem from the team.
- Passionate about learning new things and implementing them and hope to begin my career with a reputed firm driven by technology.

## EDUCATION

B.Tech CSE, University of Petroleum and Energy Studies, Dehradun

(major specialization with Cloud Computing & Virtualization Technology & minor specialization with Internet of Things)

[2020-Present], Maintained 9.02 GPA

Maples Academy, Deoband

Class 12, [2018-19], Scored 95%

Class 10, [2016-17], Scored 10 CGPA

## ACADEMIC & EXTRA-CURRICULAR ACTIVITIES

- Secured second position in IBM ICE DAY Technical Paper Presentation
- Qualified Hardwar competition till several rounds
- Secured position of Events Head at University chapter
- Organized offline as well as online events
- Active and responsible DSW ambassador
- Active Class Representative & Student Placement Representative

## PROJECTS & RESEARCH

### PHOTO EDITING APP

By using Python and Tkinter library, designed a photo editing app with authentication and authorization providing different user interfaces with different level of abstractions.

## DETAILS

281, Lalit Kunj, Chahparas, Deoband,  
Saharanpur, Uttar Pradesh, India

+91-9411201231

[venu.agarwal102@gmail.com](mailto:venu.agarwal102@gmail.com)

## SKILLS

- Microsoft Office (Excel, Word, Powerpoint)
- C/C++
- Java
- Python
- HTML/CSS/JavaScript
- MySQL

## LANGUAGES

- English
- Hindi

## PLATFORMS/SOFTWARES

- GitHub
- AWS
- Docker
- Git

## INTERESTS

- Research & Development
- Writing
- Coding

## SOFT SKILLS

- Collaborative
- Presentation
- Communication
- Learner

### FACULTY SUBSTITUTE FINDER

By using Java, designed an interface which helps faculty to find the substitute of his/her choice from the provided list.

### OPTIMAL ADVERTISEMENT SCHEDULER

By using Java and Knapsack algorithm, provided a perfect slot for the advertisement to earn the maximum profit.

### BLOOD BANK MANAGEMENT SYSTEM

Developed a web app for accurately managing blood bank and used DynamoDB along with several AWS services and API Gateway.

### ASSISTIVE SMART CANE

Designed a smart cane which can be used by visually impaired persons using ultrasonic sensors, buzzers and integrated it with Cloud Computing.

### PYNDI [Ongoing]

Designing an interface which converts the programming logic written in the native language into Python.

## CERTIFICATIONS

- AWS Academy Graduate – AWS Academy Introduction to Cloud Semester 1.
- Google Cloud Essentials.
- AWS Academy Graduate – AWS Academy Cloud Foundation

## EXPERIENCE

### PRAVAH: ZERO TO ZENITH [Jun 2021-Aug 2021]

A social internship which helped me in upgrading my communication, management and leadership skills.

### IKS AICTE Project [Aug 2022-Present]

A research project helped me in scaling up my research, team management, time management skills. Gained knowledge about ancient developments and designed some tools which can be helpful for students to learn the concepts.

