

# AMAN KUMAR

M.TECH IN INFORMATION TECHNOLOGY

📞 7206440686 ✉ amancadet98 🌐 AmanKumar 📧 Aman0002

## Education

---

### IIIT ALLAHABAD

*M.Tech in Information Technology GPA: 9.24/10.0*

**Aug,2020 – Present**

*Prayagraj*

### AIACTR

*B.Tech in Computer Science Engineering GPA: 8.6/10.0*

**Aug,2016 – May,2020**

*New Delhi*

## Technical Skills

---

- **Languages :** C/C++ ,SQL ,Python(Basic) , Java(Basic)
- **Tools :** Android Studio , Code Blocks , ENVI ,Google Collab, GIT , Jupyter Notebook.
- **Area Of Interests:** Data Structures and Algorithms,Operating Systems,Programming Practices,Computer- Networks,Database Management System, Object Oriented Programming,Internet Of Things.

## Experience

---

### IIIT ALLAHABAD

*TEACHING ASSISTANT*

**Aug,2020- Present**

*Prayagraj*

- Assisting teachers with classroom management and document coordination to maintain positive learning environment.
- Supporting classroom activities, including tutoring, grading homework and reviewing exams.

## Projects

---

### Land Cover Classification | *Python,Google-Collab ,Satellite Images,Envi*

**Jan,2021 – Present**

- The goal of this project is to classify the **land use/land cover** of the area surrounding Prayagraj, Uttar Pradesh.
- **Landsat-8** and **Sentinel-2A** satellite data has been used for this project.
- We will be able to uncover the Industrial, Urban, and Barren Areas of Prayagraj, District as a result of this research.

### IOT Smart Home Automation | *Java, Python ,Mqtt,Cloud ,API,Android Studio* **Jan,2021 – March, 2021**

- An Android Application, used to monitor/control home electrical appliances.
- To add or remove household appliances, **MySqlite** is utilised.
- Devices are monitored and controlled by MQTT protocol and via Cloud Platform.

### Result Management System | *C++,OOPS, Code-Blocks*

**Oct,2020 – Dec,2020**

- It is a desktop application which is used to manage the result of the students by performing different operations.
- Various **OOPS** Features has been implemented.
- **File handling** used for adding or retrieving any student record.

## Achievements and Activities

---

- GATE CSE 2020 - scored 98.75 percentile(**AIR 1213**) .
- Grand Finalist in Smart India Hackathon'18.
- NSS(National Service Scheme) Volunteer.
- State Level Table Tennis Player.
- Organized College Trip to Manali.