



# SATYAM UNIYAL

Computer Science Intern



+91 9520947556



manojuniyalm@gmail.com



<https://www.linkedin.com/in/>



Dehradun, Uttarakhand



<https://github.com/0-R3X>

## SUMMARY

I am a dynamic and skilled individual with a passion for technology and data-driven solutions. Currently pursuing B. Tech in Computer Science with a specialization in Big Data and Business Analytics at the University of Petroleum and Energy Studies. With a strong foundation in web development, adeptness in handling Big Data, and in Android development, I thrive on creating innovative applications that solve real-world challenges. My will to writing clean and modular code ensures efficient and scalable solutions that push the boundaries of technology.

## KEY SKILLS

- Web Development
- Big Data
- SQL
- MySQL & MongoDB
- Java, python, JavaScript
- Figma
- Android App Development
- Leadership

## CERTIFICATIONS

- Best Debutant Coder | UPES-CSI Hackathon 6.0 | 11-13 Feb 2022
- Learn Big Data Basics| Udemy | April 2022
- Azur Devops Workshop | Azure Developer Community| August 2022
- Best Debutant Coder | UPES-CSA Hackathon 1.0 | Oct 2022
- Digital Marketing | Google Digital Garage| April 2023
- Hack2Educate 48 hours virtual Hackathon | Beyond Exam | Jan 2023

## EXTRACURRICULAR ACTIVITIES

- Organizing Committee member | Xebia day | March 2023
- Participated in Startup Weekend Dehradun 2022
- Participated in Talk with the CEO of Geeks for Geeks at UPES

## PROJECTS

### Web Development

#### AGROW

- A website for the common farmers to lend/sell or borrow/buy farming tools.
- Allowing large scale farmers to fetch labors at common interests.

### Dream Realm

- Educational website for the NIOS students.
- Free study materials from selected sources along with the course plans for each standard.

### USEM

- Website for Uttarakhand Sanskrit Ekta Manch, Gurgaon, with React.
- Allowing smooth functioning of the organization with faster updates and visualizing all the events on a single platform.

### Gait Detection

#### Motion Capture using OpenCV

- Converting captured motion into a 3D moving figure using Unity Gaming Engine.
- Integrated with emotion detection over the web cam.

### Virtual Trainer

- A Training Program using the cameras of the device to monitor the user's form and posture while performing any exercise.

### Figma

- UI design for a fitness app.
- Real Mixed fruit juice redesigned.

## EDUCATION

B. Tech Computer Science Engineering  
(Big Data and Business Analytics & Optimization)

### Present

University of Petroleum and Energy Studies | Dehradun, IN  
CGPA 8.31

Sept '21 – May 25

### Higher Secondary

All Saints Convent School | New Tehri

Jun '19 - Mar '20

Percentage 73.5