

# Mayank Upadhyay

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## EDUCATION

### NIT UTTARAKHAND

B.Tech in Electronic and  
Communication Engineering  
May 2020 | Srinagar, Garhwal  
CGPA: 7.8

### KENDRIYA VIDYALAYA

2014 , 2016| Nainital,  
Uttarakhand  
D.O.B: 03/05/1998  
10th: 10.0 CGPA%  
12th: 89.6%

## LINKS

Github:// Mayank-Github  
LinkedIn:// Mayank Upadhyay

## COURSEWORK

### UNDERGRADUATE

Data Structures  
Analysis of Algorithms  
Operating Systems  
Object Oriented Programming  
Database Management System  
Computer Organisation

### INDEPENDENT

Competitive  
Programming (Leet  
Code)

## SKILLS

### TECHNICAL SKILLS

Familiar with  
C++ • Javascript • React-js • React  
Native • Python • MySQL • Git • C  
• Java • Spring Framework

## LANGUAGES

English, Hindi

## WORK EXPERIENCE

### Samsung SDS

Software Engineer

Dec 2020 - Present

- Designed and Developed a completely new module for Attendance Tracking System for on-roll and wfh.
- Designed a database for the Attendance Tracking Module.
- Designed React reusable components.
- Designed and Developed approval automation system with the help of automation tool Brity RPA.
- Build Packages for AT&T project for client release.
- Worked on Altibase and MySql Database.
- Understand 3GPP standards for GMS, LTE and 5G.
- Followed Single Responsibility Principle to make the code cleaner and better.
- Cleared SAMSUNG SW AVD and SW PRO level algorithm and data structure competency test and won prize money worth 50K INR.
- Mentor for SAMSUNG Advance and Pro Test mentee.

## Projects

### React Google Search

Jan 2022

- Manage state with useContext.
- Integrated Real time Api from Rapid Api.

### React Redux Store

Nov 2021

- Redux store for storing for any javascript framework.
- Integrate store with react-app with react redux library

### Web Conference App - A React web conferencing application

Oct 2021

- Create Socket connection with [socket.io](https://socket.io)
- Used Hooks for state management and side effects

### Underwater Image Enhancement - Convolutional Neural Network

May 2019

- [Article-Link](#)
- This work proposes a method for underwater image enhancement using the principle of histogram equalisation.
- The colours of the image are retained using a convolutional neural network model which is trained by the datasets of underwater images to give better results.

## Achievements

- Cleared SAMSUNG SW AVD and SW PRO level algorithm and data structure competency test and won prize money.