# Mayank Upadhyay

Updated on 10-Jan-2022

mayankupadhyay398@gmail.com | +91-9760579907

## 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
- Used Hooks for sate 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.