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 •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.
- Mentor for SAMSUNG Advance and Pro Test mentee.

Projects

Google Search - A React application that work similar to Google Search.
Jan 2022

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

React Redux Store
Nov 2021

- Project-Link
- 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

- Project-Link
- 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.