

## SUMMARY

Looking forward for software development Internship; adept at making critical decisions, managing deadlines, and conducting team reviews. With expertise in C++ programming, data structures and algorithm and quantitative problem-solving skills, dedicated to company growth and improvements. Problem solver at Code chef, LeetCode and Codestudio.

## ACCOMPLISHMENT

- JEE- Advanced Qualified 2020 attempt
- Qualified 1<sup>st</sup> two rounds of Meta Hacker cup 2022
- 3 star - codechef
- 150+ problems solved on leetcode
- 5 star in Problem Solving (C++) - HackerRank

## EDUCATION

**Rajiv Gandhi Institute of Petroleum Technology, JAIS** (Institution of national importance at par with IITs)

CPI- 8.35 (Cumulative Performance Index)  
BTech CSE, 2024

**Bhartiyam International School, Rudrapur**

Grade: 95.6% 12<sup>th</sup>, 2020

Grade: 94.8% 10<sup>th</sup>, 2018

## CONTACT

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## CERTIFICATE

Developer Virtual Experience Program-  
Accenture

The complete 2022 Web Development  
Course- Udemy

## CORE SKILLS

**Technical proficiency:** C, C++, Python, JavaScript, SQL, Data structure and algorithms, Object Oriented Programming

**Dev:** Node.js, Socket IO, React.js, MySQL, Basic Bootstrap Framework

**Tools:** MATLAB, AutoCAD, Adobe Photoshop, Postman, Visual Studio

## PROJECTS

### Water Quality Prediction Model

Present

- Currently working on this project trying different ML model training techniques to predict water quality to the maximum accuracy till now experimented using **KNN**, **Decision tree** and **ANN** prediction methods. Processed normalisation on different prediction parameters to calculate Water Quality Index using **Multiple Regression**.

### Rapid API Based Music Fetching App

Present

- Fully-fledged music player in progress frontend framework used is **React 18**. This will be a fully responsive app which will work on all devices using **Tailwind**, **Redux Toolkit** to manage state of this application and to fetch data from unlimited sources using **RapidAPI**.

### Realtime Chat Application

Aug 2022

- Created a real time chat application using **Nodejs** for backend processing, **Mongoose** to connect to mongo DB, **Socket IO** to facilitate real time communication, implemented http get and post request using **Postman**. It is more or less like a simple clone to WhatsApp messaging service included automated notification generated functionality when user leave the chat.

### Travelogue-Full stack Web Development Project

Feb 2022

- Full-fledged working website using **PHP** in backend, **MySQL** for query processing, HTML, CSS, **Bootstrap**, JavaScript having admin portal, **login page**, password reset options like functionalities, database include car details of different brands used for accessing queries regarding booking a car, for planning a trip etc. Implemented different **join conditions** to process SQL Queries.

## ACADEMIC AND EXTRACURRICULAR ACTIVITIES

### Developer Virtual Experience Program: By Accenture

Completed on 28 Aug 2022

It was a great opportunity to work on realistic tasks that the developers and technical consultants usually perform on client projects. Completed task modules in: **Debugging algorithms**, Unit testing, User Acceptance Testing – **UAT**, Security maturity assessment, IAM policies and permissions, define technical requirements, Design changes to an existing architecture, Scale on-premise system, **infrastructure to the cloud**, Reading and understanding code Attention to detail etc.

### ACM-RGIPT Student Chapter: Event Management Senior Head

July 2021–current Responsible for the whole-sole management and organization of different webinars and offline events in our college hosted by RGIPT ACM SC.

### Science and Technical council RGIPT: Designing Coordinator

Oct 2021–Jan 2022 Designed some creative templates for S&T council of our college using Photoshop and Canva.

### E cell IIT BOMBAY: Campus Ambassador

July 2021–Dec 2021 Served IIT Bombay E cell as campus ambassador. Also, received certificate of recognition silver badge after grabbing a rank in top 100 among all Interns from our country based on performance during the tenure.