Shivam Chamoli

shivamchamoli99@gmail.com || +917417221692
Personel Portfolio Website: https://shivam-chamoli.github.io/Portfolio-Website/

Carrier objective

To learn and widen my horizon in my respective field via jobs that provide plenty of challenges and exposure.

Education

- *NIT Uttarakhand*
  BTECH
  Electrical and Electronics Engineering
  Graduating in 2022
  CGPA- 8.4 (current)

- *Kendriya Vidyalaya*
  12th
  Dehradun, Uttarakhand
  Graduated May 2017
  Percentage-91.6%

- *St Mary's Secondary School*
  10th
  Dehradun, Uttarakhand
  Graduated May 2015
  CGPA- 10

Links

- LinkedIn: http://www.linkedin.com/in/shivam-chamoli-1b8b78108
- Github: https://github.com/Shivam-Chamoli
- Codechef: https://www.codechef.com/users/shiv_mahakal
- LeetCode: https://leetcode.com/Shiv_Mahakal/

Hobbies & Interests

Cricket, Reading (History and Philosophy) & Web &

App Design/ Development.

Languages

ENGLISH: Fluent
HINDI: Fluent

Professional Skills

- **Field and Technologies**
  - *Android App Development*
  - *Full Stack Web Development*
  - *Internet of Things System Design*
  - *FPGA Programming*
  - Git
  - LT SPICE
  - MATLAB
  - Arduino
  - Xilinx Design Suit

- **Professional Languages**
  - Java
  - Kotlin
  - Java Script
  - Php
  - SQL
  - HTML
  - CSS
  - Verilog

Experience

1. Intern at **Larson and Toubro Limited:**
   - This internship was based on networking architecture and Database Management System in the corporate organization.
   - The internship focused on the Relation Database Management System (RDBMS), employing SAP HANA, based on ERP, in the NMDC corporation.

Project

1. **Relaying in Modern Power System**
   - This project is based on creating a basic model of relaying of information in in modern power system.
   - Real-time Monitoring of the electrical networks is done by using **ACS 712** current sensor and **Arduino Uno.**
   - The information is relayed to backend database (here, firebase) using **Node MCU.**
   - The system is protected by tripping the relay module connected to each circuit in case of overcurrent.
   - Source Code: https://github.com/Shivam-Chamoli/Relaying-In-Modern-Power-System

2. **SamWaad || A Social Media Platform**
   - Created a Social Media Platform like facebook from scratch using **MERN** Web Development.
   - Made a **RestAPI** using **Mongoose**, **Express** and **Node JS**, in order to connect our react app(front-end) to our **MongoDB** database.
   - Created the front-end framework using **React** framework.
   - Website link: https://samwaad-react-app.web.app/login-signup
   - Source Code: https://github.com/Shivam-Chamoli/Social-Media-101

Achievements:

1. Top-Performer at Internshala's Android App Development Training

CERTIFICATION

2. Verzeo Certification on *Hybrid and Electric Vehicle.*
3. 2-day workshop certification on *Internet of Things* (Using Arduino and ESP8266).
4. Internshala Certification on *Android App Development.*
5. Internshala Certification on *Web Development.*
6. Coursera Certification on *Introduction to Internet of Things and Embedded System.*