Raushan Raj

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EDUCATION

National Institute of Technology(NIT) Uttarakhand   **July 2020 - May 2024**
B.Tech in Electrical and Electronics Engineering.   *CPI: 8.48*

Gulab Memorial College Bettiah   **May 2017 - Mar 2019**
Class XII Bihar School Examination Board(BSEB)   *Percentage: 84%*

Notre Dame Public School Bettiah   **May 2017**
Class X Central Board of Secondary Education (CBSE)   *CGPA: 10.0/10.0*

ACCOMPLISHMENTS

- 3 Star coder on **Codechef**.
- Finalist in online contest **Jumpstart** organised by publicis sapient.
- 4 Star on **HackerRank** in problem solving.
- Second Runner-up of Coding Quiz Round organized by **Unstop Igniters Club**, National Institute of Technology, UTTARAKHAND.
- Solved over **400** Data Structure and Algorithm on various coding platform including **Leetcode**, **Codechef**, **HackerRank** and **GeeksforGeeks**.

PROJECT

Quizo(Online Quiz Portal)   **Dec 22**
Website for online quiz   *quiz-at-quizzo.netlify.app/*

- Quiz Portal which contains several features such as registration, login, timer, score calculations.
- It saves the marks of all users and users can explore about other particpants rank by click on Leaderboard
- Used **Firebase** Database and Authentication.
- Tools and Technology Used: **HTML**, **CSS**, **Javascript**, **Netlify**(for deploying).

IOT Enabled Crop Irrigation System   **July - Aug 22**
Organised by Awadh IIT Ropar

- Design crop irrigation system based IOT device, using temperature sensor and soil moisture sensor devices
- Using the device, will reduce the access water supply with the proper knowledge of soil temperartue and humidity.

WORKING EXPERIENCE

Summer Training   **May - June 22**
At M/S Sri Avantika Contractors (I.) Ltd.

- Power plant works on **5MW** power supply.
- There I have worked on **Electricity Transmission**, **Power Generation** and Devices that work at **Power Failure**.

SKILLS/RELEVANT COURSEWORK

- **Programming/Development Languages:** C/C++, JAVA, HTML, CSS, JavaScript
- **Core Courses:** Data Structure and Algorithm(DSA), Discrete Mathematics, Object Oriented Design(OOD)
- **Technologies/Tools:** VS Code, Github, LTspice, MATLAB, Tinkercad, Firebase
- **Mathematics:** Multivariable, Calculus, Linear Algebra, Complex Analysis