

Bikash Tandi

B.Tech. | NIT Rourkela

Second Year, Electrical Engg.
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Education

2022-2026
B.TECH., EE
NIT Rourkela
CGPA : 7.15/10

MARCH 2020
INTERMEDIATE
Black Diamond H S School, Jharsuguda

MAY 2018
MATRICULATION
Vivekananda International School, Belpahar

Links

Leetcode:// [Bikash](#)
Github:// [Bikash](#)
LinkedIn:// [Bikash](#)
Simulink:// [Simulink](#)

Skills

GENERAL PROGRAMMING
C, C++, Git, Github, SQL, 8085 Assembly
language, HTML,
CSS, MATLAB, Multisim, Jupyter's 8085
Simulator, Simulink

LANGUAGES
English, Hindi, Odia

Relevant Courses

Data Structures
Algorithm
Operating Systems
Object Oriented Programming(OOPS)
Embedded systems(Microprocessor 8085)
Assembly Language(8085)

Work Experience/Projects

2022-NOW **Frontend Flipkart inspired project** **Frontend**
During the first year as a web developer in the tech club i have developed a frontend project which is inspired by Flipkart using html,css and javascript.

2024-NOW **Hostel Accommodation Project with File Handling** **Using c++**
This project is small and simple but helps in managing the hostel accommodation by taking the information of the students and saving it in the the text file with .txt extension as a database.

2024-NOW **Square Wave Generation using 8085 Assembly** **Assembly language**
Topic: Microprocessor 8085

Square wave is generated by using 8085 assembly language and if more specific it is build by using the SIM instruction which is a Machine control instruction of 8085. A series of bits 0 and 1 is the output through the Serial Output data pin (SOD) .In many of the experiments we need square wave as supply so it is very helpful in ssuch type of application.

2024-NOW **Generating Strong Password project** **using c++**
Many of time people face a statement that is to generate a strong password in many platforms and we face problems to build a strong password that is get accepted by the platform so to tackle this platform i have made a project that is used to generate a strong password

Achievements/Certifications

Nov 2023 **Simulink** **Matlab**
Completed simulink Onramp course which is provided in the Mathworks website.

Extra Curricular Activities

2023-2024 **Event Management Team** **Nitrutsav**
Coordinator of Nitrutsav event. Properly managed all the tasks and work assigned to me and helped the core team members in completing the event successfully in all the three days of the fest.

2022-2024 **Web Development Team, 3D Club** **3D Club**
Member of the web development team. I have played as a role of frontend web developer in 3D club which is a well known tech club of our college campus and contributed to the team and always ready for team to work on new things.