



Saumya Ranjan

Roll No.: BTECH/10138/20

B.TECH

Electronics and Communication Engineering

Birla Institute of Technology, Mesra

+91-8789404882

saumyaranjanmh@gmail.com

btech10138.20@bitmesra.ac.in

GitHub Profile

LinkedIn Profile

OBJECTIVE

To secure an entry-level position where I can utilize my academic knowledge and skills while gaining practical experience in a professional setting. I am eager to contribute to a dynamic and growth-oriented organization that fosters learning and personal development.

EDUCATION

- | | |
|--|-----------------------|
| •Birla Institute of Technology, Mesra | 2020-24 |
| Electronics and Communications Engineering | CGPA/Percentage: 8.88 |
| •Jawahar Vidya Mandir, Shyamali | 2017-19 |
| CBSE, Ranchi, Jharkhand | CGPA/Percentage: 75.6 |
| •Jawahar Vidya Mandir, Shyamali | 2017 |
| CBSE, Ranchi, Jharkhand | CGPA/Percentage: 95 |

PERSONAL PROJECTS

- Line Following Robot using OpenCV and Arduino**
This autonomous robot follows a black line in a high contrast surrounding using OpenCV for image processing.
 - Tools & technologies used: Arduino, OpenCV, C++, Computer Vision
 - I was able to successfully make an autonomous robot which can follow a given path using image processing without using any other sensors.
- Foodify**
Fully functioning prototype for a food delivery website with Authorization and Authentication
 - Tools & technologies used: MongoDB, ExpressJS, ReactJS, NodeJS
 - The website is fully functioning. The authorization is achieved using Json Web Token (JWT) and the frontend was made using ReactJS. The backend operations are handled by NodeJS and ExpressJS and the database used is MongoDB to store the login credentials and the food data.

TECHNICAL SKILLS AND INTERESTS

Languages: C++, HTML, CSS, Javascript, Python

Tools: JQuery, Git, Github

Frameworks: ReactJS, Express, NodeJS

Cloud/Databases: MongoDB, MySQL

Soft Skills: Adaptability, Teamwork, Problem Solving, Creativity, Work Ethic

Areas of Interest: Web Development, Machine Learning

POSITIONS OF RESPONSIBILITY

- | | |
|---|---------------------|
| • Senior Member IEEE Student Branch-BIT Mesra | Oct 2021 - Present |
| • Senior Member Google Developer Student Clubs BIT Mesra | Oct 2021 - Present |
| • Embedded Team Member Robolution, BIT Mesra | Sep 2021 - Apr 2022 |
| • Content Writer Rotaract Club of BIT Mesra | Sep 2021 - Present |

PERSONAL DETAILS

- Known Languages** English , Hindi