

ABHIRAJ KUMAR

STUDENT

CONTACT

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SKILLS

C++
Python
Javascript
Matlab
HTML
CSS
EJS
NodeJS
ExpressJS
ReactJS
Numpy
Pandas
Scikitlearn
Arduino

EDUCATION

BIRLA INSTITUTE of TECHNOLOGY, MESRA

B.Tech in Electrical and Electronics
Engineering

2021-2025

Clubs and Societies

Electrical and Electronics Society
Society of Data science

Achievements

Qualified Smart India Hackathon (SIH)
2023 internal round

PROFILE

Currently I am pursuing **B.tech** in **Electrical and Electronics Engineering** from **Birla Institute of Technology, Mesra**. My interest lies in all aspects of **programming** like **problem solving, web development, machine learning** and **hardware programming**.

PROJECTS

BLOGIFY

NodeJS ExpressJS MongoDB EJS

- **CRUD**(create read update delete) web application for **Blogging**, where users can **create** blog of any topic of their choice and upload it on the database created using **MongoDB**. Users can also **edit** or **delete** their uploaded blogs.
- This application has **EJS** frontend and backend made using **NodeJS** and **ExpressJS**.
- More features like user authentication with login and register page to be added in future.

SORTING VISUALIZER

HTML CSS Javascript

- This website helps to visualize Bubble sorting algorithm.
- Used CSS for frontend styling and Javascript for backend.
- Future plans to add more algorithms like Quicksort and use ReactJS technology.

PORTFOLIO WEBSITE

REACT JS

- Website which describes my profile.
- A responsive portfolio website using **React**, ensuring compatibility across various devices and screen sizes.
- Successfully deployed the website using Vercel.

OBSTACLE AVOIDING BOT

ARDUINO

- This Bot avoids detects and avoids any type of obstacle in its path and changes its path to navigate smoothly.
- Made using **Arduino microcontroller**.

EXPERIENCES

SUAVY TECHNOLOGIES

June, 2023 - Present

- **Suavy Technologies** is an electronics product based startup company started at campus. Currently I am in the **website development** team of Suavy Technologies which is currently working on the official website of the startup.

INTEL CAMPUS AMBASSADOR

January, 2022 - April, 2022

- Coordinated in organising the workshop of **OpenVINO** toolkit which is a free toolkit facilitating the optimization of a deep learning model from a framework and deployment using an inference engine onto Intel hardware.