

Bibek Jha

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Education

B.Tech in Instrumentation Engineering

Techno Main Saltlake

2020/11 – 2024/07

Kolkata, India

Skills

Python • Linux • HTML • Javascript • SQL • Git and Github • Arduino and IOT • Postgresql

React

Awards

Inter College Autonomous Bot, 2nd position [🔗](#)

To create a line follower Bot and race it on a track without touching any obstacle.

GitHub Hacktoberfest 2022 [🔗](#)

During this event, I have extensively contributed to open source, learned many things about development, and completed the HacktoberFest goal.

Winner of Wavicle 4.0 SPIE Choice Award [🔗](#)

My project for segregating waste smartly during the processing of garbage has won this award. Wavicle 4.0 was a college-level project exhibition during which around 40 projects were presented.

Professional Experience

SME in Python

2023/01 – 2023/12

Learning Curve Technology

- Write Python code and documentation as part of day-to-day responsibilities.
- Learn and implement data cleaning techniques using Pandas and web scraping using BeautifulSoup.

Projects

Microblog [🔗](#)

Functional Microblog using Flask

- Fully functional microblog with every function one would need using Flask, a Python web framework.

Smart Irrigation

A smart irrigation system made up of sensors and cloud technologies.

- My final year project, which is made up of an array of sensors for collecting data from soil and sending it into the cloud for data processing purposes.
- In later stages, the data will be used in an ML and AI model for getting useful insights about the land and nearby environment.

DSA_pi [🔗](#)

A REST API created using FastApi in python

- This is a REST API made using Python and Fastapi it is created for storing my DSA problems and sharing them with my fellow friends.

Blog Picture Generator [🔗](#)

A simple blog picture generator for my personal blogs.

- I have made this application in python using flask and different technologies.
- By using this, my blogs got 10% more interactions.