Kaustav Laskar

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Education

IEM, MAKAUT UNIVERSITY
BTech, EEE | GPA: 8.9
2021 - 2024

AJC BOSE POLYTECHNIC
Diploma, EE | GPA: 8.8
2018 - 2021

Rameswarpur U.A Vidyalaya
WBCHSC | 70.4 %
2018

Skills

Programming Languages:
- Java   • C++
- Python   • C#
- JavaScript

Software :
- VS Code • Creo • MatLab

Technologies:
- MERN
- DBMS   • Software Testing
- MySQL   • Github
- AWS   • Linux

Certification

- Software Engineering (NPTEL)
- Web Development for Everyone (Coursera)
- IBM Cybersecurity Analyst Professional Certificate (Coursera).
- Machine Learning with Python (Udemy)
- Ultimate AWS Certified Cloud Practitioner CLF-C02(Udemy)

Achievements/Awards

- Won Wipro Climate Collective Award 2022.
- Got Selected for Innovator Challenge 2023.

Links

- GitHub kaustavlaskar
- Leetcode kaustavlaskar

Activity

Spearheaded the organization and seamless execution of Strike 2022, a prestigious intercollegiate contest that provided a platform for participants to exhibit their skills and expertise in various disciplines, resulting in a 50% increase in event attendance and widespread positive feedback.

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Experience

IBM INDIA | Intern
January 2024 – Present | Remote
- Working on the frontend technology, API
- Assisted the developing team in maintaining website.
- Rewrote HTML to meet industry and company standards.

IEDC IIC Lab | Research Assiatance
March 2023 - December 2023 | Kolkata, India
- Design and Test of Database on various Machine-Learning Models like ARIMA, sARIMA.
- Collaborating with Engineering and resourceful team of research to evaluate an optimal NZEB model resulting 25% reduction of energy saving and save annual cost of INR.120,000.
- Working on Drone Technology-Pixhawk, ArduPilot.
- Develop embedded system with STM32 which is 40% more efficient than Arduino.
- File 2 patent with the team.
- Prepare technical documentation and established technical communication in team.

CAMPALIN | Web Developer Intern
February 2023 – March 2023 | Remote
- Designed, recommended and pitched improvements to new and existing features of their website.
- Assisted in troubleshooting issues on web-based systems.

MSME TOOL ROOM | Intern Trainee
June 2022 | Kolkata
- Exposure to work on different industry-related Automation System like PLC and SCADA.

Projects

Solar Wind Tree
Product Development
- Reduce the cost of product and enhance the performance by 30% by introducing new design.
- Recommend and pitch improvements for a better feature.
- Assisted in Trouble Shooting.

Tools: Matlab, Electrical & Electronics Hardware

Residential Energy Evaluator
IoT | Web Development | Electronics
- Reduce operational energy consumption by 35% and cut the cost of bill by 10%.
- Create building's digital energy profile.
- Wipro Climate Collective 2022 Winner.

Tools: ArduinoIDE, nodeRed, Python

Robotic Microgripper Using 3D Printing
Design Project | Power Electronics
- Design an efficient micro-gripper for small object manipulation of 5mm.

Tool: Creo PTC, Arduino, C++

Publication

- An Alternate way to Electric Long Board | IEMRE-2022.

Organization

- Oct 2021-Present   IET-IEM SB   Content Writing Team
- Oct 2021-Present   IET-IEM SB   General Working Member
- Feb2023-Present   ISHRAE Member