



## TUSHAR GHORUI

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I am Tushar Ghorui, currently pursuing Bachelors of Technology in Information Technology interested to apply my educational knowledge and skills in a challenging opportunity to achieve my individual goals, which is parallel with organizational objective. My short-term goal is to be placed in a reputed company. My long-term goal is to achieve a higher success in my career.

### EDUCATION

Year	Degree/Exam	Institute	CGPA/Percentage
2021-Present*	B. Tech, Information Technology	JIS College of Engineering, Kalyani	8.65, up to 5 <sup>th</sup> Semester
2018-2020	Class XII, ISC	South End Centre E.M High School	84%
2016-2018	Class X, ICSE	South End Centre E.M High School	77%

### PROFESSIONAL EXPERIENCE

#### Frontend web development intern, Oasis Infobyte

April – May 2023

Developed projects like landing page, portfolio website and temperature converter website.

[Certificate](#)

### PROJECTS

- **Navigation for blind people using smart cap**  
Technology stack: OpenCV, python, Arduino, Raspberry Pi, SSDMobilenet.
- **Smart Irrigation System**  
Technology stack: Arduino IDE, HTML, CSS, JS.
- **Virtual Mouse**  
Technology stack: OpenCV, Mediapipe, pyautogui.
- **Microcontroller based smart home automation with remote monitoring facilities**  
Technology stack: HTML, CSS, JS , Arduino IDE.
- **Wi-Fi Controlled Car**  
Technology stack: HTML, Arduino IDE, ESP32.
- **Contactless Dustbin**  
Technology stack: Arduino IDE, ESP32.
- **Breast Cancer Classification and Detection**  
Technology stack: Python, Machine learning.
- **E-commerce website clone**  
Technology stack: HTML,CSS,JS

### PATENTS & PUBLICATIONS

- **Patent published on** “Microcontroller based smart home automation with power conservation system including with remote monitoring facilities” [Link](#)
- **Patent published on** “Smart Irrigation System with Automated Regulation of Valves” [Link](#)
- **Paper published on** “Microcontroller based smart home automation with power conservation system including with remote monitoring facilities” [Link](#)

## SKILLS & OTHER

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- **Programming languages:** C, Java, Python.
- **Technical skills:** HTML, CSS, JavaScript, Bootstrap.
- **Others:** OpenCV, Arduino, SQL, pyautogui, MS Word, MS PowerPoint.
- **Operating System:** Windows, Linux.

## CERTIFICATIONS & ACHIEVEMENTS

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- Certified on “Programming for everybody (Getting started with Python)” [Certificate](#)
- Certified on “Object Oriented Programming in Java” [Certificate](#)
- Certified on “Celonis Foundations” [Certificate](#)
- Achieved 1<sup>st</sup> position in project making competition. [Certificate](#)
- Achieved 1<sup>st</sup> position in project presentation competition.
- Achieved 2nd position in coding competition.
- Presented Bachelors’ project in final round of the ACM B. Tech Project Contest 2024 [Certificate](#)
- Participated in Smart India Hackathon 2023 (Intra-college level) [Certificate](#)

## EXTRA CURRICULAR ACTIVITIES

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- **Vice Treasurer, National Service Scheme,** April 2023-Present  
JIS College of Engineering, Kalyani
- **Volunteer, National Service Scheme,** June 2022-April 2023  
JIS College of Engineering, Kalyani

## HOBBIES & INTERESTS

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- My Hobbies include playing cricket, drawing sketches and mobile photography.
- I have interest in Robotics and Automobile industry.

\*I have taken 1 year drop for preparing JEE mains exam.