

MAUSUMI BHUYAN

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🌐 <https://portfolio-nine-lemon-70.vercel.app/> 📍 Gajapati, Odisha, India

SUMMARY

I am an aspiring engineer passionate about web development, software development, and robotics. My goal is to innovate and gain hands-on experience in a collaborative environment. I am dedicated to learn and work on various projects that demonstrate my ability to apply technology to solve real-world problems

EDUCATION

B.Tech in Electrical Engineering

Indian Institute Of Technology Palakkad

📅 08/2022 - 05/2026
📍 Palakkad

CGPA
6.93 / 10

Intermediate

ARIHANT H S SCHOOL

📅 04/2019 - 05/2021

CGPA
8.84 / 10

10TH

ST. JOSEPH'S ENGLISH MEDIUM SCHOOL

📅 01/2008 - 05/2019

CGPA
8.74 / 10

SKILLS

C/C++	CSS	GitHub
HTML	JavaScript	
MATLAB	React	Python
Robotics	Tailwind CSS	

EXTRACURRICULAR ACTIVITIES



Event Organization

Organizer for college events and workshops

PROJECTS

QuizMaster App

📅 05/2025 - 05/2025

🌐 <https://quiz-app-chi-wheat.vercel.app/>

QuizMaster is a React + Firebase based quiz app that

- allows users to sign in using Email/Google and
- lets them take category-wise quizzes with results and detailed answer reviews.

Visual-Based Navigation

📅 01/2025 - 05/2025

🌐 <https://github.com/MAUSUMIBHUYAN/Vision-Based-Navigation>

Visual perception technique for autonomous systems

- This project implements a GPS-independent autonomous drone landing system using computer vision
- The drone detects a colored landing marker via its onboard camera, enabling precise navigation and landing

Creovate Website

📅 03/2025 - 04/2025

🌐 <https://creovate-react.vercel.app/>

Dynamic website design

- Designed a dynamic website for Creovate using React and Tailwind CSS.
- Delivered a visually appealing and fully responsive user experience with interactive features and animations

Task Management System

📅 11/2024 - 12/2024

🌐 <https://github.com/MAUSUMIBHUYAN/Task-Management-System>

Task Management System for team collaboration

- Implemented a web-based Task Management System that enhanced team collaboration
- Optimized task assignments and provided real-time tracking

Bookshop Management System

📅 11/2024 - 12/2024

🌐 <https://github.com/MAUSUMIBHUYAN/Book-Management-System>

Bookshop management functionalities for record management

- Implemented a bookshop management system in C++, featuring advanced search capabilities
- Enabled functionalities for adding, deleting, and updating book records

Traffic Light Controller

📅 10/2024 - 11/2024

🌐 <https://github.com/MAUSUMIBHUYAN/Traffic-light-controller>

Traffic light controller system optimizing traffic flow

- Implemented a reinforcement learning-based traffic light controller system
- Optimized traffic flow and reduced congestion significantly

EXTRACURRICULAR ACTIVITIES



Volunteering
Volunteering for college fests and workshops

PROJECTS

Tracing Script Evolution Through Analysis of Handwritten Kannada Texts

📅 02/2024 - 05/2024

🔗 <https://github.com/MAUSUMIBHUYAN/Tracing-Script-Evolution-Through-Analysis-Of-Handwritten-Kannada-Texts>

Analyzing the evolution of handwritten scripts

- An analytical framework to trace the evolution of handwritten Kannada scripts
- Utilized machine learning models to identify and characterize various writing styles

Blackjack Game

📅 04/2023 - 06/2023

🔗 <https://github.com/MAUSUMIBHUYAN/Project>

Card game development focusing on strategic play

- Developed a classic card game where players aim to achieve a hand value closer to 21 than the dealer's
- Players compete against the dealer, strategically drawing cards to optimize their total