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

CGPA **6.93** / 10

📅 08/2022 - 05/2026
📍 Palakkad

Intermediate

ARIHANT H S SCHOOL

CGPA **8.84** / 10

📅 04/2019 - 05/2021

10TH

ST. JOSEPH'S ENGLISH MEDIUM SCHOOL

CGPA **8.74** / 10

📅 01/2008 - 05/2019

SKILLS

C/C++ CSS GitHub

HTML JavaScript

MATLAB React Python

Robotics Tailwind CSS

EXTRACURRICULAR ACTIVITIES

⚡ **Event Organization**
Organizer for college events and workshops

PROJECTS

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

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

EXTRACURRICULAR ACTIVITIES

Volunteering
Volunteering for college fests and workshops

PROJECTS

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