

# MUKUNDA SONY

Bangalore, Karnataka

+91-7319878831   mukundasony1113@gmail.com   mukunda-sony   mukundasony  
MukundaSony



## EDUCATION

**BMS Institute of Technology and Management**  
*BE. ISE - CGPA - 9.20*

**08 2022 - 08 2026**  
*Bangalore, India*

**GoldenGate International College**  
*National Examination Board - Percentage - 84.25%*

**03 2020 - 03 2022**  
*Kathmandu, Nepal*

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating System
- DBMS
- Computer Networks
- OOPS Concept
- Web Development
- Java

## PROJECTS

**PrepZero – Online Proctored Test Platform** | HTML, CSS, JS, Node.js, MongoDB **2025**

- Built a secure, proctored test platform enabling students to take scheduled exams without cheating.
- Developed backend using Node.js and MongoDB, ensuring performance and data integrity.
- Led the team and oversaw the full development lifecycle.

**Aigle Air – Smart Air Purification System** | React JS, Node JS, Sensors, Solar, HEPA **2024**

- Built an eco-friendly air purifier using algae for CO<sub>2</sub> to O<sub>2</sub> conversion via photosynthesis.
- Integrated HEPA filters for PM2.5/PM10 and enabled solar-powered operation.
- Designed system architecture and optimized algae growth using sensors.
- Managed and developed the product website.

**Personal Portfolio Website** | React.js, HTML, CSS, JS, Node JS, MongoDB, PostgreSQL **2023**

- Built a personal portfolio showcasing web development projects and achievements.
- Designed a responsive UI with smooth navigation and deployed it for public access.

## INTERNSHIP

**Deloai** | Backend Developer Intern **07 2024 - 09 2024**  
*Bangalore, India*

- Developed and implemented CRED (Create, Read, Edit, Delete) routes for the Vendor Management System using backend technologies.
- Integrated and connected RESTful APIs to ensure seamless data flow and functionality across the application.
- Collaborated closely with frontend developers to integrate backend logic with the UI, resolving issues and ensuring smooth communication between layers.
- Contributed to various project modules, supporting the team in building scalable and efficient backend systems.

## TECHNICAL SKILLS

**Languages:** Java, Python, C, JavaScript, SQL

**Developer Tools:** VS Code, Postman, IntelliJ Idea Ultimate

**Technologies/Frameworks:** Linux, GitHub, ReactJS, NodeJS, ExpressJS, Git, MongoDB