MUKUNDA SONY

Bangalore, Karnataka

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EDUCATION

BMS Institute of Technology and Management   **08 2022 - 08 2026**
*BE. ISE - **CGPA - 9.20***   *Bangalore, India*

GoldenGate International College   **03 2020 - 03 2022**
*National Examination Board - **Percentage - 84.25%***   *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_2 to O_2 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 ↗   **07 2024 - 09 2024**
Backend Developer Intern   *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