MUKUNDA SONY

Bangalore, Karnataka

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EDUCATION

BMS Institute of Technology and Management	**08 2022 - 08 2026**
*Bachelor of Engineering (B.E.), ISE - **CGPA - 9.20***	*Bangalore, India*

GoldenGate International College	**03 2020 - 03 2022**
*National Examination Board - **Percentage - 84.25%***	*Kathmandu, Nepal*

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, SQL
Web Development: React.js, Node.js, Express.js, HTML, CSS
Databases: MongoDB, PostgreSQL
Tools Platforms: Git, GitHub, VS Code, Postman, IntelliJ IDEA
Concepts: Data Structures Algorithms, OOP, Operating Systems, DBMS, Computer Networks

PROJECT EXPERIENCE

PrepZero – Online Proctored Test Platform ⍈ | HTML, CSS, JS, Node.js, MongoDB, Judge0   **2025**
- **Engineered a secure full-stack platform to proctor 100+ online test sessions with webcam monitoring and browser lockdown.**
- **Integrated Judge0 API to execute 250+ real-time code submissions securely across various programming languages.**
- **Managed deployment pipeline and led a 3-member development team from ideation to production, supporting 200+ active users.**

Aigle Air – Smart Air Purification System ⍈ | React JS, Node JS, Sensors, Solar, HEPA   **2024**
- **Designed and implemented a smart dashboard to visualize sensor-based air purification data.**
- **Integrated solar-powered IoT sensors, HEPA filters, and algae-based CO processing into system architecture.**
- **Built the web interface using React.js and Node.js; used GSAP for real-time animations.**

Personal Portfolio Website ⍈ | React.Js, HTML, CSS, JS, Node JS, MongoDB, PostgresSQL   **2023**
- **Developed a fully responsive portfolio site showcasing 5+ key projects with smooth animations and cross-browser compatibility.**
- **Integrated backend using Node.js and PostgreSQL to collect visitor analytics and contact form submissions.**

WORK EXPERIENCE

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

- **Built and optimized CRUD APIs for the Vendor Management System using Node.js and Express.js, ensuring secure and scalable backend architecture.**
- **Integrated RESTful APIs for seamless communication between frontend and backend, improving data flow and application responsiveness.**
- **Collaborated cross-functionally with frontend developers to debug, resolve integration issues, and align backend logic with UI components.**
- **Contributed to scalable module development, enhancing system performance and maintainability through clean code and modular structure.**

ACHIEVEMENTS / AWARDS

- 1st Place – Yukti VTU Hackathon
- 1st Place – Hacksphere Hackathon
- 3rd Place – 0xDay Pondy Hackathon
- Consolation Prize – Anveshna National Level Hackathon
- Finalist – Meraki International Business Conference