

SUKHARANJAN JANA

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[Email](#) ◇ [LinkedIn](#) ◇ [Portfolio](#) ◇

I am a dedicated Full Stack Developer with a focus on MERN stack technologies. With a strong foundation in web development, I excel at creating scalable and responsive web applications. My proficiency spans across front-end and back-end technologies, ensuring seamless integration and high-performance solutions.

EDUCATION

Bachelor of Technology, Kalinga Institute of Industrial Technology
Stream: Information Technology

Expected 2025

TECHNICAL SKILLS

Languages: C, CPP, JavaScript, Python, SQL, JAVA, R Script
Frameworks: React, Node JS, Express JS, EJS
Web Technologies: HTML, CSS, Tailwind CSS
Tools: Git, GitHub, R Studio, VSCode, Postman, Adobe Photoshop, Figma
Libraries: Pandas, NumPy, Matplotlib, Scikit-learn, Seaborn
Concept: Data structures, Algorithms, Object Oriented Programming, DBMS, AI & ML

PROJECTS

MERN-E-commerce: This project is part of my MERN Stack from Scratch | eCommerce Platform project. It is a full-featured shopping cart with PayPal & credit/debit payments. [\(Link\)](#) [\(Code Link\)](#)

Responsive Portfolio:

Developed a fully responsive portfolio website using React and Tailwind CSS. The site features a clean and modern UI, showcasing personal projects, skills, and a professional bio. Key functionalities include a dynamic project showcase, skill icons, a contact form with React Hooks, smooth animations, and social media integration. The design adapts seamlessly to various screen sizes, ensuring an optimal user experience across devices. [\(Link\)](#)

Crop Yield Prediction: Crop yield prediction is an important aspect of agriculture that helps farmers make informed decisions about their crops.

- **Objective:** Estimate crop production.
- **Approach:** Use ML algorithms (e.g., GBM) with Python libraries.
- **Impact:** Precision agriculture enhances yields sustainably. [\(Code Link\)](#)

Music Player Application: Developed a Python-based music player application designed to provide a seamless audio playback experience. Worked extensively on the backend to implement features such as play, pause, stop, next, and previous song functionalities. The application also features dynamically updates the currently playing song, enhancing user convenience and experience. [\(Code Link\)](#)

Practice Projects:

YouTube-Clone: I developed a YouTube clone using only HTML and CSS. This project involved creating a responsive layout, complete with a video grid, navigation sidebar, and search box, effectively mimicking the UI of the YouTube platform. [\(Link\)](#)

Rock-Paper-Scissors Game: Developed an interactive Rock Paper Scissors game using HTML, CSS, and JavaScript. Implemented user input handling, game logic, score tracking, and UI updates to ensure a responsive and user-friendly interface. [\(Code Link\)](#)

Amazon-Ecommerce-Clone: I developed an e-commerce website clone(amazon) using HTML, CSS and JS. It's a fully functional website with responsiveness.

ACHIEVEMENTS

- ✓ **JAVA Internship (Code Clause) Internship Certificate (LOR)** [\(Link\)](#)
- ✓ **Fundamentals of Full Stack Development by ExcelR** [\(Link\)](#)
- ✓ **Google Advanced Data Analytics** [\(Link\)](#)
- ✓ **Get Started with Python** [\(Link\)](#)
- ✓ **Introduction to Business Analytics: Communicating with data** [\(Link\)](#)
- ✓ **Introduction to Business Analytics with R** [\(Link\)](#)

SKILLS

- Strong organizational and time management skills
- Ability to work independently and as part of a team
- Detail-oriented and able to handle multiple tasks simultaneously