

ABHIJIT SAHU

Web Developer

sahuabhiжит584@gmail.com | +91 7846882829 | Bhubneswar

[GitHub](#) | [Linkedin](#)

EDUCATION

Gandhi Institute for Technological Advancement
Computer Science and Engineering in Bachelor of Technology

Bhubneswar, Odisha, INDIA

SKILLS

Programming Languages: C, Java, Python, HTML5, CSS3, JavaScript (ES6+)
Libraries/Frameworks: Next.js, Redux Toolkit, Express.js, Node.js, Bootstrap, Tailwind CSS, Socket.io, WebRTC, Mongoose
Tools / Platforms: Git, GitHub, VS Code, REST APIs
Databases: GraphQL, MySQL, MongoDB

PROJECTS / OPEN-SOURCE

Maa Mangala Seeds & Fertilizers Business Management System *HTML5, CSS3, Vanilla JavaScript (ES6 Modules), Supabase (PostgreSQL, Auth, Storage), Netlify, jsPDF, html2canvas, Chart.js*

Developed a full-stack Business Management System for a real-world agricultural retail business under a 62,000 client contract. Built modules for inventory management, GST billing, PDF invoice generation, customer management, automated stock deduction, reporting, and sales analytics. Designed a secure admin dashboard and deployed the application in a live production environment to streamline daily business operations and reduce manual processes.

TaskFlow Task & Workflow Management System | [Link](#) *HTML, CSS, JavaScript*

- Architected a **single-page application (SPA)** using **vanilla JavaScript (ES6)** with a modular, component-driven structure for maintainability and scalability.
- Implemented **multiple task rendering strategies** (List, Kanban, Calendar, Timeline) with efficient state updates, filtering, sorting, and full-text search.
- Designed a **client-side data model** supporting priorities, subtasks, task dependencies, recurring schedules, tagging, and project-based grouping.
- Built **productivity analytics and automation logic**, including overdue detection, completion metrics, and next-task recommendation heuristics.
- Engineered **persistent state management** using browser **LocalStorage**, with responsive UI behavior and runtime theme switching.

Acadify AI Intelligent Academics Optimization System | [Link](#) *HTML, CSS, JavaScript*

- Designed and developed a **rule-based scheduling and optimization system** to automate academic timetable generation while minimizing conflicts and manual effort.
- Modeled **core academic entities** including courses, faculty, classrooms, time slots, and constraints to ensure valid and balanced timetable outputs.
- Implemented **conflict detection and resolution logic** to handle faculty availability, overlapping sessions, workload limits, and resource constraints.
- Built **analytics and management features** to track faculty load distribution, room utilization, and schedule efficiency.
- Focused on **scalable system design** to support institutions of varying sizes, with centralized data handling and configurable scheduling rules.

Personal Portfolio Website | [Link](#) *HTML, CSS, JavaScript*

- Designed and built a **performance-optimized, responsive portfolio website** using **HTML, CSS, and JavaScript** to showcase projects and technical skills.
- Implemented **SEO best practices** including semantic HTML, canonical URLs, optimized assets, and structured page hierarchy.
- Focused on **clean UI architecture and accessibility**, ensuring consistent layout, responsive behavior, and cross-device compatibility.

- Integrated **project case studies and live demos** to clearly communicate problem statements, solutions, and technical decisions.
- Optimized for **fast load times and maintainability**, emphasizing lightweight assets and minimal client-side overhead.

CERTIFICATIONS

- Walmart USA - Advanced Software Engineering Job Simulation - **Forage**
- JPMorganChase - Software Engineering Job Simulation - **Forage**
- Electronic Arts - Software Engineering Job Simulation - **Forage**
- Deloitte Australia - Technology Job Simulation - **Forage**
- HTML, CSS, and JavaScript: Building the Web - **LinkedIn Learning**
- Learning the JavaScript Language - **LinkedIn Learning**
- JavaScript Essential Training - **LinkedIn Learning**
- Python Bootcamp - **Udemy**
- Postman API Fundamentals Student Expert - **Postman API**