

Milan Sahoo

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 [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

 West Medinipur, West Bengal, 721166

Career objective

Aspiring Software Engineer with strong skills in full-stack development, problem-solving, and robotics, eager to contribute to innovative projects while continuously learning.

Academic Details

- Diploma in Computer Science Engineering (Brainware University) – 83.90% (Aggregate till Sem-IV)
- Higher Secondary (Madanmohanchak Chowdhury Institution) – 69%
- Madhyamik (Madanmohanchak Chowdhury Institution) – 88%

Core Skills

- **Programming:** C, C++, Python (Flask), DSA
- **Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB
- **Other Skills:** Computer Networks, Robotics & Automation
- **Soft Skills:** Quick Learner, Team Player, Adaptable

Projects

1. Internship Management System

Tech Stack: React.js, Vite, Tailwind CSS, API, Git, Node.js, Express.js, MongoDB
A complete system for students to apply, with admin verification, internship management, automatic offer letter generation, and email integration.

 [View Project: Link](#)

2. FoodExpress – Online Food Ordering

Tech Stack: React.js, Vite, Tailwind CSS, API, Git, Node.js, Express.js, MongoDB
Developed a platform with restaurant, user, and admin logins enabling food ordering, restaurant management, and order tracking.

 [View Project: Link](#)

3. Msmedcare – Emergency Bed Booking and Ambulance Management

Tech Stack: React.js, Vite, Tailwind CSS, API, Git, Node.js, Express.js, MongoDB

A healthcare management platform where Admins, Hospitals, and Users can interact. Features include hospital registration, ambulance management, patient addition by users, and automatic hospital bed allocation within 10 minutes.

 [View Project: Link](#)

4. School ERP (In Progress)

Tech Stack: React.js, Tailwind css

Comprehensive school management system with dynamic features for handling students, parents, and multi-school data management.

 [View Project: Link](#)

5. VoteSys

Tech Stack: Flask, HTML, CSS, MySQL

Secure online voting platform with real-time verification.

 [View Project: GitHub Link](#)

[Demo Video link](#)

Internship Experience

1. Intern AGNIRATH AEROSPACE AND DEFENCE RESEARCH PRIVATE LIMITED

 February 2025 – April 2025

- Built and optimized Flask-based web servers with **HTML, CSS, and JavaScript** for interactive and responsive UI.
- Contributed to aerospace technology innovations, including projects like **FELUDA**.

 [Offer Letter](#) | [Certificate](#)

2. Intern – BackendCoder (Frontend Development)

 July 2025 – September 2025

- Collaborated with the development team on live projects to deliver dynamic and responsive UIs.

Worked on:

- School ERP (Running) – Comprehensive school management system.
- Internship Management System – Student application, admin verification, and automated offer letter generation.

 [Offer Letter](#)

Publications:-

 **"Virtual Reality and Human Experience"**
Published in **Indian Journal of Modern Research and Reviews**

 **Read Chapter:** [Read Paper](#)

 **"The Human-AI Collaboration: Shaping the Future Together"** – Published in *Artificial Intelligence Everywhere: Innovations Across Disciplines* by SSS Publications (ISBN: 978-81982563-5-5).

 **Read Chapter:** [Link](#)

 **"THE HEART OF C UNDERSTANDING ITS POWER AND POTENTIAL"** Natahs Publication . ISBN - 978-93-6581-286-2.

Chapters Authored:

1. *Chapter 1: Introduction to the Base of Programming—C Language*
2. *Chapter 2: Conditional Statement*

Hackathon Participation

Event: X-bit Hackathon

Venue: Brainware University

Project: *MindMate – Smart Student Attendance System*

- AI-powered classroom video analysis for automated attendance.
- Generated AI-based study notes & suggestions.

 **Live Demo:** [Link](#)

 **GitHub Repository:** [Link](#)

Seminars and workshops:-

 **Industry Visit** – Euphoria Genx, Salt Lake, Sector-V, Kolkata (9th November 2024)

 **IIT Bombay Spoken Tutorial Course** – Completed training in C, C++, Python (October 2024 – January 2025)

 **Problem Solving and Ideation Workshop** – Brainware University CSE Department(23rd November 2024)

Languages & Hobbies

- **Languages:** Bengali (Native), English (Fluent), Hindi (Conversational)
- **Interests:** Competitive Programming, Web/App Development, Robotics & AI, Literature, Arts

 **Date:**

 **Place:**