

# SATYAKI NANDI

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**Location:** Serampore, Hooghly, West Bengal, India | **Portfolio:** <https://port-folio-website-py9b.vercel.app/>

## About

Passionate Computer Science undergraduate skilled in AI/ML, data analysis, and full-stack development.

## Education

- **B. Tech in Computer Science and Engineering (Cyber Security)** from Meghnad Saha Institute of Technology, 7.8 Gpa (till now) **Expected in 2026**
- **Higher Secondary Examination** from Uttarpara Govt. High School, 86 % **2022**
- **Madhyaik Pariksha** from Mahesh Sri Ramkrishna Ashram Vidyalaya (H.S.), 92% **2020**

## Skills

- **Languages:** Java, Python, C++, JavaScript, HTML, CSS, SQL
- **Web/Frameworks:** React.js, Node.js, Express.js, Flask
- **Data Analysis & ML Tools:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, NLP
- **Databases & APIs:** MongoDB, REST APIs
- **Other Tools/Platforms:** Git, Power BI, MS Excel
- **Operating Systems:** Windows, Linux

## Projects

- ❑ **TalkSphere – AI-Powered Conversational Assistant – (<https://talksphere-silk.vercel.app/>)**
  - **Developed** a full-stack MERN web application that enables users to **chat or talk with an AI assistant**, delivering natural, context-aware responses.
  - **Implemented** secure authentication with **JWT**, real-time voice/text interaction, and a responsive UI for seamless conversational experiences.

[Tech Stack: MongoDB · Express.js · React.js · Node.js · Tailwind CSS · JWT Authentication · Gemini API · Vercel]
- ❑ **RESUMEPORT (Resume Analyzer & Job Matcher)- (<https://resumeport-blush.vercel.app/>)**
  - **Developed** an intelligent platform that leverages **OpenAI's GPT and DALL·E** to analyze resumes, provide ATS scores, actionable feedback, and visual improvement suggestions.
  - **Integrated** free cloud storage and authentication via **Puter.js**, with a seamless **React + Tailwind** frontend for smooth navigation and optimized user experience.

[Tech Stack: React · JavaScript · TypeScript · Tailwind · React Router · OpenAI GPT · DALL·E · Puter.js · Vercel]
- ❑ **Emotion Prediction of Austistic Children Model**
  - Built a deep learning model to detect emotions in autistic children from facial images with 91% accuracy.
  - Integrated explainable AI (Grad-CAM, Saliency Maps) and built a visual interface for prediction interpretation.

[Tech Stack: Python, TensorFlow, Keras, OpenCV, Grad-CAM, Matplotlib]

## Internships and Certifications

- FULLSTACK INTERN at Rmssad Private Limited – Haryana, India ----- In August 2025 – Ongoing
- PYTHON DEVELOPER INTERN at CypherByte-Kolkata, India----- in October 2024-November 2024
- DATA ANALYST INTERN at Prodigy Infotech-Mumbai, India----- in August 2024-September 2024
- Udemy Complete Full Stack Web Development Bootcamp 2025
- Data Visualization (Sikhyarathi Infotech) 2023

## Achievements

- Qualified for final in **SMART INDIA HACKATHON (SIH)** as Team Lead 2024
- Core member of the **Anti-Ragging Committee** of college 2022-2026
- **Class Representative** for entire B.TECH programme of my stream 2022-2026