

# Prasenjit Sasmal

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B.Tech CSE (AI-ML), Sister Nivedita University, Kolkata — Batch: 2023–2027

## Career Objective

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Aspiring Software Developer with strong foundations in Data Structures, Algorithms, and Core CS concepts. Seeking to contribute to innovative cloud technologies through the Zscaler Skybound Internship Program.

## Technical Skills

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- **Languages:** C, C++, Python
- **Web/DB:** HTML, CSS, JavaScript, React.js, Node.js, MySQL, MongoDB
- **Tools:** Git, GitHub, Socket.io
- **Core:** DSA, OOP, DBMS, OS, Networks, AWS

## Projects

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### CodeTogether – Real-Time Collaborative Platform — *MERN Stack*

Web-based code editor with live collaboration, secure file sharing, and responsive UI for desktop and mobile.

**GitHub** — **Live Demo**

### PredictOstock – ML-based Demand Forecasting — *React, Flask, SQLite*

AI-powered tool predicting stockouts early using past sales trends to optimize inventory and prevent losses.

**GitHub**

## Training

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XPMC Training Program on Digital Transformation: Service Design

## Achievements & Certifications

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- Foundations of Data Structures and Algorithms – Univ. of Colorado Boulder
- Introduction to Artificial Intelligence (AI) – IBM
- Introduction to Generative AI – Google Cloud
- Generative AI: Introduction and Applications – IBM
- Machine Learning and NLP Basics – Edureka
- Solved 65+ DSA problems on LeetCode

## Education

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Degree	Institute	Year	CGPA/%
B.Tech CSE (AI-ML)	Sister Nivedita University	2023–27	9.31
Class XII (Science)	Kheput High School (WBCHSE)	2023	84.4%
Class X	Kheput High School (WBBSE)	2021	87.71%

## Declaration

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I hereby declare that the information provided above is true and accurate to the best of my knowledge.

**Date:** 26/10/2025

**Signature:** Prasenjit Sasmal