

# Pretisha Sahoo

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

## Education

- **Techno Main Saltlake ,West Bengal**  
Bachelor of Technology in Computer Science & Engineering ( Artificial Intelligence and Machine Learning) | *Grade : 8.57 (till 4th Semester) | ( Nov 2022 - July 2026 )*
- **Saltlake Shiksha Niketan**  
Central Board of Secondary Education - XII | Percentage - 94.8% |( 2022 )
- **Saltlake Shiksha Niketan**  
Central Board of Secondary Education - X | Percentage - 93.8% | (2020)

## Projects

### HealthAI - AI-Based Healthcare Application

Full-stack healthcare platform with features like secure authentication, profile updates, appointment booking, real-time video consultation (WebRTC), healthcare chatbot, medicine reminders, disease prediction from symptoms, and medical image analysis (MRI/CT scans).

**Tech Stack:** React JS, MongoDB, Express JS, Node JS, Firebase (Authentication & Storage), Socket.io, WebRTC, SVM, CNN models.

**Website:** [HealthAI](#) | **GitHub:** [Frontend](#) | [Backend](#)

### Repx-AI – Automatic AI Report Evaluation Classroom

MERN-based platform for teachers to post assignments and evaluate them using AI. Students submit handwritten assignments via code, and teachers can auto-grade or manually adjust scores. OpenCV and TensorFlow used for evaluation.

**Tech Stack:** MongoDB, Firebase (Authentication & Storage), React JS, Node JS, Express JS, Tailwind CSS, Python (OpenCV), TensorFlow.

**Website:** [RepxAI](#) | **GitHub:** [RepxAI](#)

### ShopNest – Ecommerce Web Application

Full-stack responsive eCommerce platform with seller product management, buyer wishlist/cart functionality, order placement, AI Style Assistant, and trend-based product recommendations.

**Tech Stack:** React JS, MongoDB, Express JS, Node JS, Tailwind CSS, Firebase (Authentication & Storage).

**Website:** [ShopNest](#) | **GitHub:** [Frontend](#) | [Backend](#)

## Skills

- Programming Languages : Java , Python .
- Web Development : React JS , HTML , CSS, Javascript , Node JS , Express Js , MongoDB , Websocket , WebRTC.
- Frameworks - Bootstrap , Tailwind CSS , Firebase .
- Tools - VSCode , Postman , GitHub (Version Control) , Vercel , Render

## Achievements

- Finalists at Hack4Bengal 3.0 (2024) - Eastern India's largest Hackathon .
- Selected amongst top 10 teams at TechAI Hackathon - Intra College Hackathon