

EDUCATION

Degree	Institute	CGPA/Percentage	Year
B.Tech CSE(AI-ML)	Techno Main Salt Lake, Kolkata	8.48 (Till 5th Sem)	2022-2026
Higher Secondary Education	Sri Ram Narayan Singh Memorial High School	92%	2022
Secondary Education	Sri Ram Narayan Singh Memorial High School	94%	2020

SKILLS SUMMARY

- **Programming Languages:** Python, Java, C, Dart, JavaScript
- **Frameworks/Libraries:** Jupyter, Flutter, River-pod, Flask, TensorFlow, PyTorch, Tailwind, Bootstrap, React, Node.js
- **Developer Tools:** VS Code, Android Studio, Jupyter, Postman, Firebase, Collab, Power BI, Git, GitHub
- **Soft Skills:** Communication, Teamwork and Collaboration, Problem-solving, Time Management
- **Other Skills:** UI Design and Development, Video Editing

PROJECTS

- **Self-Checkout System**

AI-Driven Solution for Grocery Retail

– AI-powered self-checkout system to enhance transaction efficiency in grocery retail.

– **Created** and **augmented** datasets to improve model accuracy in detecting grocery items.

– Implemented **cnn** and **yolo** for real-time object detection during checkout.

August 2024

GitHub
- **RepxAI**

AI Powered Subjective Evaluation for Handwritten Documents

– Cutting-edge platform that streamlines the report evaluation process for teachers.

– Provides personalized insights for students and gives fair evaluation.

– Utilized **ocr** for handwriting detection and **natural language processing** for answer evaluation.

May 2024

Website
- **eDemy**

AI Powered Career Counseling Platform

– Career counseling application featuring personal **characteristics-based tests** and **adaptive learning**.

– Contains extensive road maps for each career along with a chat feature with counselors.

– Utilized **Firebase** for authentication and real-time messaging to ensure seamless communication.

December 2023

GitHub
- **Zeninbox**

AI Powered Mail Sending Application

– Developed a web-based platform for generating **AI-powered emails** to enhance communication efficiency.

– Implemented **real-time email tracking** to provide open and click insights for engagement analysis.

– Enabled **personalized video snapshots** to add creative, engaging elements to email campaigns.

December 2024

GitHub

POSITIONS OF RESPONSIBILITY

- **SDE Intern**, Techno Billion AI

April 2024 - Present

– Developed an **AI-powered educational mobile application** using Flutter, optimizing **state management** for seamless data flow and enhanced performance, integrating **REST APIs** for efficient backend communication, and **refining UI/UX** to improve user engagement and overall application efficiency.
- **AppDev Team Member**, GDG On-Campus TMSL

August 2023 - Present

– Responsible for contributing to **open-source projects**, conducting **Flutter workshops**, and developing applications to support **GDG initiatives and community engagement**.

ACHIEVEMENTS

- **Winner of Smart India Hackathon 2024**, a national level hackathon organised by the Govt. of India

2024
- **Finalists at Hack4Bengal 3.0**, Eastern India’s largest Hackathon

2024
- **Finalists at Smart India Hackathon 2023**, a national level hackathon organised by the Govt. of India

2023
- **Runner-up of Google Solution Challenge Inter College Round**, organised by GDSC TMSL

2023
- **Runner up of HackUrWay 2023**, inter-college hackathon organised by IIC TMSL

2023