

# Debashis Samal

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## OBJECTIVE

To obtain a challenging position or internship in the field of Computer Science where I can apply my technical skills, problem-solving abilities, and passion for innovation to contribute to real-world projects while continuing to grow professionally.

## EDUCATION

### C.V Raman Global University, Bhubaneswar

Bhubaneswar, Odisha

B.Tech in Computer Science and Engineering , CGPA-7.69

### KV NTPC Kaniha , Angul

Angul, Odisha

Class 12<sup>th</sup>, Percentage: 89.8%

### KV NTPC Kaniha , Angul

Angul, Odisha

Class 10<sup>th</sup>, Percentage: 89.2%

## PROJECTS

### 1. Women's Safety Web App

HTML, JavaScript, Firebase, WebRTC, Firestore, FCM

- Built a web app for women to trigger emergency alerts with live video, audio, and location sharing.
- Implemented WebRTC streaming and video fallback upload for low-end devices.
- Registered college volunteers and notified nearest ones via Firebase Cloud Messaging.

[2025]

### 2. Hostel Management System (C++ & Web App)

Built a management system with C++ for backend logic (booking, check-in/out, fee tracking) and a web app (HTML, CSS, JS, Firebase/MySQL) for user interaction. Implemented authentication, role-based access, and CRUD operations for hostel data.

[2024]

## SKILLS

Programming Languages:	DSA in C++, C and JAVA
Software Tools:	Excel, Vs Code
Frontend Technologies:	HTML, CSS , Javascript , React js
Communication:	Written and Oral Communications English, Hindi, Odia

## Trainings

- Embedded C Internship  
Date: July 2024 – August 2024  
Developed skills in embedded systems programming and real-time hardware-software integration.

## QUALITIES

- Adaptive and Focused
- Very calm and hardworking

## INTERESTS & HOBBIES

- Passionate about Indian classical and semi-classical singing with regular practice and performances; enjoy exploring traditional music forms and composing melodies.