

# RIK RAJ DEY

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## Education

### RCC Institute of Information Technology (RCCIIT), Kolkata

Bachelor's in Information Technology Engineering

July 2020 - August 2024

CGPA: 9.25

### Surendranath Centenary School, Ranchi

12th in PCM

July 2018 - August 2020

Percentage: 87

## Skills

Languages:	Java, C, Python, HTML ,CSS
Technologies:	Machine Learning, Web Development
Soft Skills:	Communication, Collaborative, Adaptability, Leadership, Time management
Miscellaneous:	OOPs, DBMS

## Experience

### Tutelage

Teaching Intern

Kolkata, India

May 2022 - May 2023

- Taught on subjects like **physics, chemistry, maths**.
- **Architected** and **Managed** Institute's social media handles.

### Sri Krishna Jewellers

Student Worker

Ranchi, India

December 2021 - February 2022

- Achieved **an increase of 20% Sales** by Advertising.
- **Maintained** social media handles, customer database.

## Projects

### Anime Recommendation System

Machine Learning

- Derived Insights based on Analysis.
- Identified patterns between different anime genres, categories and communities.
- Used - K-nearest neighbour ML model for collaborative recommender.

### Foetal Health Analysis

Machine Learning

- Achieved complex analysis using platforms like Google Collab and Kaggle.
- The objective of this project is to study the precision of machine learning algorithm techniques on Cardiotocography(CTG) data in identifying high-risk fetuses.
- ML model Used - LogisticRegression, DecisionTreeClassifier, KNeighborsClassifier, KMeans

### Automated Attendance System

Java, XML

- Utilise GPS technology for precise and reliable attendance records.
- Develop automated systems for streamlined attendance recording.
- Design an intuitive interface for user convenience.
- Using **Firestore Database**, **GPS tracking**, Frontend (Using **XML**), Backend( using **Java**)

### Bike Rental System

Java

- Designed a system for **renting out bikes from a shop**.
- Services provided - checking availability, booking, billing and returning.

## Position of responsibility

- **Director of social relations** Rotaract Club of RCCIIT.
- Organiser of **Smart Bengal Hackathon**.
- Organiser of Annual fest of RCCIIT - **Regalia**.

## Extra Curricular Achievements

- I-Glam **Mr. Bengal** Runner Up **2023**.
- **Gold Medal** in International Math Olympiad.
- **Silver Medal** in Tug of war in National Level Inter College Tournament.