Website: <https://hanabirc.vercel.app/> | Email: [rounikchatterjee03iembca2025@gmail.com](mailto:rounikchatterjee03iembca2025@gmail.com) | Phone: (+91)7029547200 | GitHub: [@rounikc](https://github.com/rounikc) | LinkedIn: [@rounikchatterjee04](https://www.linkedin.com/in/rounikchatterjee04/)

# Education

Rounik Chatterjee

## Institute of Engineering and Management, Kolkata 2022 - 2025

* Branch: Bachelors of Computer Applications | CGPA: **8.56/10**

## St. Vincent’s High and Technical School, Asansol 2020 - 2022

* *ISC(CISCE) (Class XII),* Percentage*:* **68.20%**

## St. Vincent’s High and Technical School, Asansol 2019 - 2020

* *ICSE(CISCE) (Class X),* Percentage*:* **79.20%**

# Objective

BCA graduate with hands-on experience in full-stack development, mobile applications, and applied machine learning. I am skilled in React, React Native, Python, and cloud-based ML deployment. My proven projects include an EV charging station aggregator platform and a deep learning-based image classification system. I seek an opportunity to utilize my technical expertise, problem-solving skills, and innovative thinking to develop scalable and impactful software solutions.

# Coursework

* Object-Oriented Programming (OOPS)
* Data Structures and Algorithms (DSA)
* Database Management System (DBMS)
* Computer Networking
* Cloud Computing

# Technical Skills

* **Languages:** Java, Python, JavaScript, TypeScript, SQL
* **Web and Mobile Development:** HTML5, CSS3, ReactJS, React Native, Expo
* **Cloud:** Google Cloud
* **Developer Tools:** VS Code, Git/ GitHub

# Projects

# E-Go (EV Charging Station Aggregator Platform):

* Built an Android application using **React Native** with location-based services for real-time EV station discovery.
* Integrated a **CNN-based image classification model** (TensorFlow/Keras, TensorFlow Lite) with **96.88% accuracy**, deployed on **Google Cloud** for real-time verification.
* Designed backend workflows with **MySQL** and APIs for scalable data storage.
* Enhanced user interaction by integrating a **Dialogflow chatbot** into the project website for EV-related queries.

# Krishi Katha (Farmer-Centric Mobile Application):

* Developed a mobile application to support farmers with community discussions, weather updates, farming queries, tractor details, and a produce marketplace.
* Implemented using React Native (Expo) with backend support in PHP + MySQL, enabling secure data handling and seamless user experience.

# Certifications

# Cloud Computing & Generative AI Training – Hands-on training with GDSC-IEM & Google Cloud Study Jams, covering cloud services, AI workflows, and model deployment.

# Android App Development – Certified courses via LinkedIn Learning and Google Jetpack Compose Bootcamps, focusing on modern Android app development and UI design.

# Areas of Interest

# Full-stack and mobile app development with a focus on scalable, user-friendly solutions.

# Artificial Intelligence and Machine Learning, including applied deep learning and cloud deployment.

# Exploring game development and interactive media as a creative extension of programming skills.

# Declaration

The information provided above is true to the best of my knowledge.