

# Samvabya Sarkar

West Bengal, India | samvabyav0@gmail.com | [8100382099](tel:8100382099) | Portfolio | LinkedIn | Github

## Education

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**Julien Day School, Ganganagar**, 10+2 (ICSE)

- **Stream:** Science
- 10th : 93.2
- 12th : 93.75

**Coochbehar Govt. Engineering College**, BTech. in ECE

Aug 2021 – June 2025

- DGPA: 7.98 (upto 6th sem)
- **Coursework:** Basic Electronics, Embedded Systems, Microprocessors, Analog and Digital Communication

## Highlight Skills

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**Languages:** Java(core), c, c + +, JavaScript, python, PHP, dart(flutter).

**Proficiency:** Android App Development - Flutter and Native.

**Android:** Firebase(Auth, RTDB, storage, Gemini), Google Material 3, Neumorphism(UI), Local Storage(Shared, Hive, SQLite), API(REST, open), Web(Responsive UI, Parallax effect, etc).

**Web:** React.Js, Next.Js, Tailwind, Bootstrap, FB hosting.

**Database:** Firebase, SQLite, Android SP, Hive, mongodb.

**Machine Learning:** worked with many AIML models and trained some, worked with tensorflow as root and android integrated Gemini and Firebase AI.

## Projects

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### Flutter Android Apps,

Flutter / Firebase

- **Payments App** - this app mocks nowadays payment apps , here I've implemented all possible features like qr scan, mobile transfer, easy chats, etc
- **Replicated Google Pay** - matched UI, backend
- **Replicated Google Keep** - matched UI, Material 3, Hive
- **Replicated Stake App** - matched UI, Games
- **Stock market app simulation** - basic stock sim model
- **Redesigned Instagram** - UI, backend, features
- **Redesigned Messenger** - Neumorphism UI, chat functionality

### Web Apps, Flutter / React

- **Nearby Sharing web facility** - this web based application help anybody to transfer files from one device to another seamlessly through a internet stream.
- **Front Sharing** - file transfer but much faster with best responsive interface and quicker authentication.
- **Portfolio**

## Competitive

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**Competitive Coding** - Hackerrank(Java, Python), Codechef(Java, C), Leetcode(Java).

## Additional

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**Graphic Designing:** proficient in Adobe Photoshop, Figma, Behance, canva.

**Microprocessors:** worked with many projects, within and out of course and participated in robotics, hardware implemented co-curricular.