Samvabya Sarkar

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Education

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

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

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

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

Additionals

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.