

Soumyodip Sutradhar

Kolkata, West Bengal

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Education

University Of Engineering and Management, Kolkata

August 2021 - June 2025

Bachelor of Technology in Computer Science and Information Technology(DGPA of 8.33)

West Bengal, India

The Aryans School(Class 12)

April 2019 - July 2021

Higher Secondary(Percentage - 85)

West Bengal, India

Projects

Notes App | Kotlin, Room Database, MVVM, XML | <https://github.com/Samsand-5/NotesApp>

- Developed a note-taking application featuring functionality to **store notes and categorize them by importance levels (high, medium, low)**, with **seamless navigation to notes based on their priority**.
- Implemented a main menu with **three color-coded buttons (red, yellow, green)** that, when clicked, dynamically **display notes categorized by their priority level (high, medium, low)**, enhancing user experience and **organization**.
- Implemented an advanced search functionality allowing users to efficiently **find notes by querying both the title and subtitle**, significantly improving the app's usability and user experience.

Shayari App | Kotlin, Firebase Database, XML | <https://github.com/Samsand-5/ShayariApp>

- Developed a simple application leveraging **Firebase database for storage and real-time data updates**.
- Implemented functionality for **users to read, share, and copy shayari seamlessly within the app and Organized shayari into multiple categories for easy navigation and exploration**.
- Used Firebase Realtime Database for **efficient storage and retrieval of shayari content**.
- Integrated social sharing functionality **allowing users to share shayari across various platforms**. Implemented deep linking for seamless sharing of specific shayari entries.
- Implemented deep linking for **seamless sharing of specific shayari entries**.

News App | Kotlin, Room Database, Retrofit, MVVM, Kotlin Coroutines | <https://github.com/Samsand-5/DailyFinity>

- Developed a simple application using **JetPack Components and MVVM architecture and used Retrofit along with OKHTTP to fetch API**.
- Used Kotlin Coroutines **handling asynchronous programming and managing background tasks**.
- Used Pagination to **improve user experience by speeding up load times**.
- Implemented Search functionality to **search news based on category of news**.

Achievements

- Solved more than **1000+** problems on LeetCode, GeeksForGeeks and CodeForces.
- Secured **4461** rank in Codeforces Round 945 (Div. 2) competing with **30000+** participants.
- Secured **4960** rank in Codeforces Round 926 (Div. 2) competing with **40000+** participants.
- Secured **4825** rank in Codeforces Round 931 (Div. 2) competing with **30000+** participants.
- HackerRank **Gold Badge on Problem Solving, C++, Java**.

Profile Links

• [LeetCode\(700+\)](#) • [Codeforces\(Pupil\)](#) • [GeeksforGeeks\(300+\)](#) • [GitHub](#) • [HackerRank](#)

Technical Skills

Languages: C++, Java, Kotlin, SQL

Technologies/Frameworks/Libraries: Android, Glide, Volley, Retrofit, Dagger, JetPack Components

Database:Firebase, Room

Version Control:Git, GitHub

Others:Postman, Android Studio, MVVM

Courses:Data Structures and Algorithms, Object Orient Programming, Database Management System, Operating Systems