

Chandra Sekhar Bala

Linkedin: www.linkedin.com/in/chandra-sekhar-bala

Email : sekhar.chandra.5832@gmail.com

Github: <https://github.com/Chandra-Sekhar-Bala>

EDUCATION

Dr BC. Roy Engineering College, Durgapur

Master of Computer Application, SGPA: 7.76

West Bengal

Aug. 2022 – Aug. 2024

Relevant Courses: Data Structures & Algorithms, Operating System, DBMS, Object Oriented Programming
Java, Python

Burdwan Institute of Management & Computer Science, Burdwan

Bachelor of Computer Application, CGPA: 9

West Bengal

July 2019 – July 2022

Relevant Courses : C, C++, Data Structure with C, Java

EXPERIENCE

Nashbud

Android Developer intern

Remote

Nov 2021 – Feb 2022

- **Layout:** Optimized layouts using **ConstrainLayout** to simplify UI design, resulting in improved UI performance and faster load times.
- **Retrofit:** Utilized **Retrofit** library for **HTTP** request execution and **REST API** integration, improving app performance and scalability.
- **API Testing:** Conducted **API testing** using **Postman** and **Thunder Client**, ensuring robustness and reliability of the app.
- **XML:** Designed and implemented new UI layouts using **XML**, improving app usability and user experience.
- **Design:** Rebuilt **story chat** feature for improved functionality, resulting in increased user engagement and satisfaction.

PROJECTS

AnimeZone - [Demo Youtube]

Mar. 2023

An app where you can search your favorite anime with infinite scrolling. Built with Jina anime API with local data saving feature

- **MVVM:** Implemented following **MVVM** architecture to separate the presentation logic from the business logic and UI.
- **Retrofit:** Incorporated **Retrofit (a type-safe HTTP client)** with **Coroutine** for making **API calls**, retrieving the motivation data.
- **Room:** Used **Room** with **Coroutine** for efficient data management.
- **Moshi:** Utilized **Moshi** for **data conversion** and **parsing**.
- **Dependency Injection (Hilt):** Implemented Dependency Injection using Hilt for efficient and modular code structure.
- **Coroutine :** Leveraged Coroutines for asynchronous and non-blocking operations, enhancing app performance and responsiveness

Smart Attendance Android [Demo Youtube]

Jun 2022

Easily create classes and streams, take attendance with a simple swipe system, and track attendance data for each student

- **Firebase:** Developed Android app with **Firebase backend**.
- **Jetpack Navigation:** Implemented **Navigation Component** for **improved UX**.
- **RecyclerView:** Utilized **RecyclerView** for **dynamic data display**.
- Used **CardStackView** for card swapping feature.

TECHNICAL SKILLS

• **Programming Languages:** Java, Kotlin, Python, C, C++, SQL.

• **Technologies/Frameworks:** Linux, Android SDK, Hilt, Android Jetpack, Git, MySQL, Firebase, Coroutine.

ACHIEVEMENTS

- Solved **180+ DSA** problems on [Leetcode](https://leetcode.com/).
- Participated [hacktoberfest](https://hacktoberfest.com/) for consecutive 3 years.
- Track [prize winner](#) by writing technical article on Hashnode, conducted by weMakeDevs.