

# Chandra Sekhar Bala

- Burdwan, India

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

Portfolio: <http://chandrasedkhar.me>

## EDUCATION

### Dr BC. Roy Engineering College, Durgapur

Master of Computer Application, YGPA: 7.77

West Bengal

Aug. 2022 – Aug. 2024

### Burdwan Institute of Management & Computer Science, Burdwan

Bachelor of Computer Application, CGPA: 9

West Bengal

July 2019 – July 2022

## EXPERIENCE

### GoGlobally

Android SDE intern

Remote

June 2023 – Aug 2023

- Successfully published the Android app "Notie: Notification Tracker" on Google Play Store ([App Link](#))
- Integrated **Firebase** for **Google authentication** and **referral program**.
- Integrated **email OTP verification** for secure and seamless **user signup**.
- Utilized **problem-solving skills** for data calculation and representation, enhancing the app's functionality.
- Followed **DRY** principle in **Kotlin Code** and **XML Designs**.
- Used **NavGraph with SafeArgs** in Home screen with **Bottom navigation-bar** and Payment screens.
- Integrated **AdMob Banner** and **Interstitial ads** to monetize the app and maximize revenue.
- Integrated **Google Play Store subscription** for premium features eg: No Ads, User analysis (Graph, Charts), etc.
- Collaborated with team members through **Git-GitHub** for version control and seamless code integration.

### 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.
- **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*

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

## TECHNICAL SKILLS

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- **Programming Languages:** Java, Kotlin, Python, C, C++, SQL.
- **Technologies/Frameworks:** Linux, AndroidSDK, Hilt, Android Jetpack, Git, Firebase, Coroutine, flow.

## ACHIEVEMENTS

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

## VOLUNTEER

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**Lead Coordinator - [Hackamaze Event](#),**

Dr. BC Roy Engineering College, Techfest Horizon

- Successfully organized and led the Hackamze event as the Lead **Coordinator** for the MCA department at Techfest Horizon, Dr. BC Roy Engineering College.
- Coordinated with multiple departments and students, ensuring seamless **communication** throughout the event.
- Demonstrated strong **leadership** by **managing a team** and facilitating constant communication between teachers, students, and other departments.
- Achieved a total attendance of 95 participants, showcasing effective **organizational** and **interpersonal skills**.
- Acted as the primary point of contact for both students and teachers, fostering **collaboration** and ensuring the smooth execution of the event.
- Adapted to unforeseen challenges with **flexibility**, ensuring the success of the event.