Chandra Sekhar Bala

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Github: https://github.com/Chandra-Sekhar-Bala 🔗

Portfolio: http://chandrasekhar.me🔗

EDUCATION

Dr BC. RoyEngineering College, Durgapur — West Bengal
Master of Computer Application, YGPA: 7.77 — *Aug. 2022 – Aug. 2024*

Burdwan Institute of Management & Computer Science,Burdwan — West Bengal
Bachelor of Computer Application, CGPA: 9 — *July 2019 – July 2022*

EXPERIENCE

GoGlobally🔗 — Remote
Android SDE intern — *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 🔗 — Remote
Android Developer intern — *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.

Project

AnimeZone 🔗 - [Demo Youtube🔗] — Mar. 2023

An app where you can search your favorit anime with inifinte 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

TECHNICAL SKILLS

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