

Nitish Sharma

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EXPERIENCE

- **GeeksforGeeks** Noida ◦ On-Site
June 2023 - Present
Android Developer Intern
 - Accelerate **cold start time by 36%** of GFG app via efficient optimizations.
 - Revamp comment section, strategically restructured for efficiency, reducing 2x LOC while improved pagination using new APIs for increased efficiency.
 - **Build Features**: Jobs Portal, Community Comment Disabling, Anonymous Posting, Account Deletion, Search in Bookmarked Articles, Sorting in Popular Categories, and Integration of Microsoft Clarity's Heat Maps for enhanced user interaction insights.
 - Create efficient UIs via **Epoxy with Two-Way Data Binding**, streamlining view variables and state management.
- **FRND** Bengaluru ◦ Remote
December 2022 - March 2023
Android Developer Intern
 - Refactored code from **RxJava to Coroutines & Kotlin Flows** while adhering to Clean Architecture principles.
 - Implemented Domain Logic Segregation into distinct packages and classes, enhancing navigation efficiency by 2x.
 - Utilized SDKs to capture User Events with a focus on optimizing UX using **Deeplinks & Deferred Deeplinks**.
 - Facilitated Whale-to-Top User connections with an aim to improve user Engagement/Retention and Revenue.
- **Finocado by Startup Bay** Ireland ◦ Remote
February 2022 - June 2022
Android Developer Intern
 - Leveraged Firebase for Database, Crashlytics & Analytics. Optimized application through thorough analysis and refinement.
 - Developed and consumed REST APIs via Retrofit. Used MVVM and Components of Android Jetpack.
 - Built CI/CD Pipeline using Github Actions for deploying the updated app to the testers on Firebase.
- **GeeksforGeeks** Noida ◦ Remote
January 2022 - June 2022
Technical Content Writer Intern (Profile)
 - Developed 10+ quality articles for Geeks For Geeks across the spectrum of Software Development.
 - Researched about DevOps, Cloud Computing, Android and built understanding of the fields.

PROJECTS

- **Chat Room** March 2023 - Present
Frontend (Kotlin, MVVM, Clean Architecture), Backend (Node.js, Azure, WebSockets (Socket.IO))
 - **Emphasis**: Proactive pursuit of diving into WebSockets, driving innovative ChatRoom development.
 - **Features**: A global social platform fostering connections with users worldwide.
 - * A **WebSocket Backend** powered by Node.js, hosted on Azure, providing seamless connections and chat experiences.
 - * Engaging chat rooms supporting multiple participants, featuring real-time updates on participants joining and leaving events.
 - * Coming Soon: Random Chats, Guess Girl or Boy, Guess Streaks, Coin System, and Redeemable Rewards.
- **Sign Ease [Playstore]** September 2022
Android (Kotlin, Coroutines, MVVM, NavGraph, Retrofit, Clean Architecture), Hello Sign, Firebase
 - **Problem**: Hostel students **Drafting Leaves/ Applications** and getting Approvals/ Refusals manually (signatures).
 - **Solution**: A tool that gets your leaves signed from the respective authority or parent/ guardian.
 - * Incorporated Hello Sign APIs for catering backend services and dealing with the Signatures.
 - * Pre-built templates and to-the-point manual details help you choose fast and get your approvals faster.

- **Feedback Prime Prize Winner** October 2021
 - *Android (Kotlin, Coroutines, MVVM, Retrofit, Symbl.ai, SAWO Labs, APIs)*
 - **Problem:** Filling survey/feedback forms after every support call.
 - **Solution:** Built an android app for **Generating Automated Report of Customer-Executive call**.
 - * Utilized Async APIs by Symbl.ai which uses Conversation Intelligence for analysing the conversation.
 - * Followed MVVM Architecture; Used Retrofit; Recycler View for displaying the generated Report.
- **Suite Converter** January 2021
 - *Python, Speech Recognition*
 - **Problem:** Hassle of converting files from one format to another.
 - **Solution:** A one stop easy solution with voice assistant for Major File Conversions.
 - * Used libraries like docx2pdf, pdf2docx, gTTS, SpeechRecognition and pysttx3 for conversion of files.
 - * Auto detects the Directory Path for keeping the files organised.

TECHNICAL SKILLS

- **Languages:** Kotlin, Java, C++, Python, YAML, JavaScript, Node.js
- **Frameworks/Libraries:** Room, Volley, Retrofit, Firebase, Android Jetpack, SQL, Hilt, Koin, Epoxy, DataBinding, WebSockets
- **Tools:** Git, Android Studio, Postman, Jira Software, GitHub Actions, Docker, Azure, RealmDB

ACHIEVEMENTS

- **Won 1st Prize** for Sponsor's Track in **API World Hackathon** by Symbl.ai with the Challenge - Go Beyond Speech Recognition with Conversation Intelligence APIs.
- Achieved recognition as a **Top-10 Finalist** in the batch-wide Soft Skills Communication Competition.
- Attained the badge of **Postman Student Expert**.

EDUCATION

- **Chandigarh University** Mohali, Punjab
 - *Bachelor of Engineering - Computer Science; CGPA: 8.33* *September 2020 - Expected June 2024*
- **Govt. Model Sr. Sec School, 37-B** Chandigarh
 - *Secondary School Education (Science); Percentage: 85.6* *July 2017 - May 2019*
- **Stepping Stones Sr. Sec. School, 37-D** Chandigarh
 - *High School Education (Science); CGPA: 9.2* *July 2003 - April 2017*