

# Nitish Sharma

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## EXPERIENCE

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- **GeeksforGeeks** Noida ◦ On-Site  
June 2023 - Present
  - Accelerated cold start time by 36% of GFG app via efficient optimizations.
  - Revamped comment section, reducing 2x LOC while improving pagination using new APIs for increased efficiency.
  - Built 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.
  - Created efficient UIs via Epoxy with Two-Way Data Binding, streamlining view variables and state management, reducing bounce rate by 60% percentage.
- **FRND** Bengaluru ◦ Remote  
December 2022 - March 2023
  - 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
  - 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
  - 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

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- **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.
    - \* Followed Clean Architecture with MVVM for segregating Domain logic from Data and Views

October 2021

### Feedback Prime

- *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.

January 2021

### Suite Converter

- *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

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- **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

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- 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

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- **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; CGPA: 9.2* July 2003 - April 2017