

# Nitish Sharma

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## EXPERIENCE

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- **GeeksforGeeks** Noida ◦ On-Site  
June 2023 - Present
  - *Android Developer Intern*
  - Optimize comment section, achieving 5x reduction in LOC through strategic revamping.
  - Build features like Community Comment Disabling, Account Deletion, Search functionality in Bookmarked Articles, 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*
  - Refactor code from RxJava to Coroutines and Kotlin Flows while adhering to Clean Architecture principles.
  - Utilize external 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*
  - Used Firebase for Database, Crashes, Analytics. Studied and reduced cold start time of application.
  - 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

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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.
- **Feedback Prime** 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 from 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

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- **Languages:** C++, Kotlin, Java, 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.
- Became [Postman Student Expert](#).

## EDUCATION

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| ◦ <b>Chandigarh University</b>                                  | Mohali, Punjab                             |
| ◦ <i>Bachelor of Engineering - Computer Science; CGPA: 8.33</i> | <i>September 2020 - Expected June 2024</i> |
| ◦ <b>Govt. Model Sr. Sec School, 37-B</b>                       | Chandigarh                                 |
| ◦ <i>Secondary School Education (Science); Percentage: 85.6</i> | <i>July 2017 - May 2019</i>                |