Nitish Sharma

📞 Phone 📍 Chandigarh, India

✉ Email 🔘 GitHub in LinkedIn 🐦 Twitter

EXPERIENCE

GeeksforGeeks Noida ∘ On-Site
Android Developer Intern *June 2023 - Present*

- 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
Android Developer Intern *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
Android Developer Intern *Feburary 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
Technical Content Writer Intern (Profile) *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

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 <mark>Generating Automated Report of Customer-Executive call</mark> .
  - * 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 converstion 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

- <mark>Won 1st Prize</mark> for Sponsor's Track in API World Hackathon by Symbl.ai with the Challange - Go Beyond Speech Recognition with Conversation Intelligence APIs.
- Achieved recognition as a <mark>Top-10 Finalist</mark> 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*