Nitish Sharma

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EXPERIENCE

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

- Revamp comment section, reducing LOC via strategic restructuring while improving pagination with new APIs for increased efficiency.
- Redesign 'Search and Explore' with carousel displays and gradient cards, optimizing user interaction and content discovery through dynamic, visually appealing interfaces.
- Build features like 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

- 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
Android Developer Intern
Feburary 2022 - June 2022

- 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
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 serivces 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 converstion of files.
    * Auto detects the directory path for keeping the files organised.

Technical Skills

○ **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

○ Won 1st prize for Sponsor's Track in API World Hackathon by Symbl.ai with the Challange - Go Beyond Speech Recognition with Conversation Intelligence APIs.
○ Became 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*