SAGAR KHURANA

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Skills

Languages:	Kotlin, Java, Javascript, GraphQL, XML, HTML, CSS
Lib/Frameworks:	Retrofit, Hilt, Navigation Component, Nodejs, Express
Platform:	Linux, Firebase, AWS Amplify
Tools:	Android Studio, Postman, Github Actions, Docker, Figma
Databases:	SQL, NoSQL, MongoDB, Firestore, Realtime-Database, DynamoDB

Work Experience

Adjust   November 2021 - Present
Junior Android SDK Engineer   *Berlin —— Remote*
- Develop and maintain our Android SDK as well as SDKs for other native and nonnative platforms (such as Unity, Cordova or React Native).
- Contribute to the architecture and design of SDK features.

Aspire Digital Credit Card   April 2021 - October 2021
Android Engineer   *Remote*
- Developed an algorithm to periodically sync messages in chunks to the server using work manager and room, where using work manager to periodically schedule reliable and asynchronous tasks, and room to locally persist the data.
- Fixed many bugs which improved the crash-free users from 90% to 99%, Implemented new screens and API's in the current flow of codebase.

Geedesk Technologies Inc.   Feb 2021 - Mar 2021
Software Engineer Intern   *Remote*
- Communication with stakeholders using Figma as a prototyping tool and then making XML in android for that mockups
- Integrated backend APIs using Retrofit as OkHttp library for REST API request with coroutines for synchronous coding.

Freelance Work   April 2019 - July 2021
Android Engineer   *Remote*
- Worked part-time during studies on 65+ projects to help clients in modifying the existing android app written in Kotlin/Java to correct coding errors, upgrade interfaces, and improve overall performance.
- Enhanced the performance of legacy android source code using cache and storing data in Room to persist data locally and migrating the source code to Kotlin, using Coroutines to avoid callback hell which increased the code readability.

Projects

Progress Button ⊙ | *Kotlin, Custom View, Progress button*   June 2021
- Created an Android library for handling different types of button states like active, finished, enabled, disabled, and reset with a single line of code.
- Extended the view class to implement the functionality and support to directly declare the attributes in the XML instead of adding them programmatically.

Assigmenthub ⊙ | *Kotlin, Android, AWS Amplify, MVVM, Jetpack libraries, CI/CD*   February 2021
- Designed and implemented the data modeling in GraphQL with directives to create the model class and build a one-many, many to many-many relation between tables.
- Used AppSync to test the GrapQL API response which ensures the response and then storing data in DynamoDB. Maintained the code quality using Github actions for Build, Lint job.

Quiz App ⊙ | *Android, Java, Room, Gson*   December 2020
- Designed this project to explore these possibilities of Room database and used the many-many relation between two table using annotations in android
- Implemented asynctask for an asynchronous task like storing data into the local database on the background thread and used Gson for converting the JSON into Model class.

Education

Jan Nayak Chaudary Devi Lal Memorial College   Sep. 2019 – May 2022
Bachelor in Computer Application   *Sirsa, Haryana*