

SAHITYA DUBEY

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CAREER OBJECTIVE

I aim to be associated with a progressive organization that gives me the scope to share my knowledge and skills following the latest trends and be a part of a team that dynamically works towards the growth of an organization and gives the satisfaction thereof.

EXPERIENCE SUMMARY

- **7+ years of IT experience** in end-to-end development of mobile applications from requirement analysis to system study, designing, coding, testing, debugging, documentation, and implementation using Android.
- Expertise in **Android, Kotlin, Java**, and Xamarin Android mobile development.
- Strong in creating a user interface using Android SDK and XML with different available layouts & controls.
- Integrated Jetpack library - Live Data, MVVM, Data Binding, & Repository layer.
- Extensive Knowledge of Data structures and design Patterns including Dependency Injection (Dagger 2), Inversion of Control (IOC), Singleton, MVVM (Model-View-View-Model), and Solid Principles.
- Strong skills working with Web API, creating and implementing them, and using the data retrieved to manipulate and update it to the UI.

OTHER CONTRIBUTION

- Working with BLE devices - mobile app communication, BLE GATT, and MQTT Protocol.
- Handling OS upgrade -> android 12, 13, and 14
- Managing Android, and iOS apps for the developer, distribution certificate, and provision profile - Code-Signing, uploading apps for test environments like test flights and beta environments.

WORK HISTORY

Duration	Organization	Designation
Nov 2020 - Till Date	Allegion plc	Sr. Software Engineer
June 2017 - Nov 2020	Cargill Business Services	Software Engineer


TECHNICAL SUMMARY

- Languages : **Kotlin, Java, RxJava**
- Mobile Technologies: **Android, Xamarin, iOS(Basic knowledge)**
- Database : Room, SQLite, Azure Cosmos DB, Blob
- Tools/Libraries : Android Studio, Jetpack, Dagger, Retrofit, Room, Robolectric, Git, Azure DevOps, SourceTree, Postman
- Platforms/OS : Macintosh, Windows

ACADEMICS

- B.Tech CSE, ITM (Institute of Technology and Management), Gwalior, Madhya Pradesh with 6.9.
- 10th - 12th, Miss hill higher secondary school, Gwalior, Madhya Pradesh.


MAJOR PROJECT DETAILS

1.	Project Name: Schlage Home - (Nov 2020 - Till Date) Team Size: 6  Bengaluru
Role	Senior Software Engineer
Languages	Kotlin, Java, XML

The Schlage home app offers remote lock control via smartphone, guiding setup and providing complete access to smart locks for convenient, peace-of-mind security, making it the choice for smarter homes.

Role Description: As a senior software engineer, I am responsible for:

- Develop, testing, and delivering the product with Agile methodology
- Managing the team of 4, deployments and other activity.
- Tools used - Push notification, BluetoothGatt, Robolectric, Retrofit, MVVM, MQTT, Jetpack components


2.	Project Name: Dairy Enteligen - (Oct 2017 - Oct 2020) Team Size: 12  Bengaluru
Role	Software Engineer
Languages	Java, XML

Dairy consultants work with farmers to track key information through this app, including milk productivity, animal health and comfort, and feed formulation. The Dairy Enteligen data collection, management, and analysis platform combine this disparate information from multiple software programs into one. It has features like generating PDFs through collecting app data and rendering in PDF, charts through Telerik, app analytics tools like flurry, and crash reports through the app center.

Role Description:

As a mobile application developer, my responsibilities were:

- Managed a team of 3 developers and 1 QA From year 2019
- I was responsible for taking requirements from stakeholders, assigning tasks to other team members.
- Managing and deploying apps in production app stores
- Handling mobile app and backend APIs, providing end-to-end support.
- Tools used - Shared Pref and local storage, MVVM, Data Binding, Retrofit, CosmosDB, Blob

3.	Project Name: Platform Template - (Feb 2020 - Oct 2020) Team Size: 4  Bengaluru
Role	Software Engineer
Languages	Kotlin, XML

- This project contains generic and reusable components. The project has been made as a library to use by different developers all over the world in different mobility teams in Cargill.

Role Description: As a mobile developer, my responsibilities were:

- Design generic SDK for other apps
- Used different jetpack components, modified based on other project requirements.
- Participated in design discussions and pre-sprint planning exercises.
- Tools used - Room, ADAL, OKTA authentication, Live data, Dagger, Retrofit, MVVM

PROJECT CONTRIBUTION

- **Platform Template(Android)** - Digital solution to reduce the paperwork and manual effort at plantation.
- **Crescendo Global(Xamarin)** - To Manage their roles with other consultants.
- **Asset Management(Android)** - Inventory Management for all teams within Cargill.
- **Tasty Trends(Android)** - Share ingredients and food images with other consultants.