

# RAJAT GALAR

Indore MP | [rajatgalar.in](http://rajatgalar.in) | [LinkedIn](#) | [Github](#) | [Leetcode](#) | 9479381200 | [Rgalar9@gmail.com](mailto:Rgalar9@gmail.com)

Passionate and highly skilled Android Developer with 3 years of experience gained through internships and self-driven projects. Proven ability to build effective Android applications.

## EXPERIENCE

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### IT BIRDS, INDORE — ANDROID DEVELOPER

Feb 2023 - Jun

2023 Independently developed an Android app for invoice and inventory management. Implemented features like ledger management and purchase tracking using **MVVM** architecture, **Firebase**, and **Hilt** for **modularity** and performance.

### KELKAR KUL SAMVARDHAN TRUST, BHOPAL — INTERN

May 2022 - Oct

2022 Developed and maintained Android application modules, **managing large datasets** with CRUD operations. Integrated **JSON** data fetching and **ExoPlayer** for **YouTube video streaming**, enhancing user experience.

### SIYATECH VENTURES, INDORE — JR. ANDROID DEVELOPER INTERN

Jan 2020 - Mar

2020 Worked on **room database**, **firebase**, **maps API**, **Google - Facebook login**, all kinds of **layouts** and maintained a live project independently. Removed many bugs and included much functionality during that period.

### DRMZ SYSTEM INNOVATIONS PVT. LTD, BHOPAL— JAVA INTERN

Nov 2018 – Jan 2019

Indulged in various projects of Java based on **Client Server** and management systems. Some experience of **android development** is included as well.

## PROJECTS

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### NIELIT O LEVEL APP - [link](#)

Educational app for NIELIT O Level students which provides notes in both English & Hindi.

- 21000+ downloads
- Room Database
- Java + Xml
- 4.2+ Ratings

### BROKERAGE CALCULATOR: UPSTOX ZERODHA - [link](#)

Developed a fast, Kotlin - based application for calculating trading charges in the Indian share market. Provides automatic charge calculations for four major brokers as soon as the user inputs values. The application features:

- Instant Calculations
- Single-Screen Design
- 18000 downloads
- 4.2+ rating

### CHOTU - THE INVENTORY MASTER - [link](#)

Developed an Android application for comprehensive invoice and ledger management, featuring functionalities for generating quotations, proforma invoices, payment receipts, credit/debit notes, and maintaining inventory records.

- OTP Authentication
- Firebase - Room Database
- Kotlin
- MVVM Clean Architecture

### PET PANION APP

Integrated multiple APIs and addressed various bugs and errors to ensure optimal performance.

- Sqlite local database
- Java + xml
- MVC
- Google + Facebook login

## KITES

A family hierarchy management app for storing historical records in PDF format and streaming YouTube videos. Managed large datasets with CRUD operations, integrated JSON data fetching, an inbuilt PDF viewer, and ExoPlayer for video streaming.

- Java with MVC architecture
- Exo Player
- Table representation
- Retrofit
- In-Built PDF Viewer

## SKILLS

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**Programming Languages:** Java, C, C++, Python (Beginner), Kotlin

**Web Technologies:** Basic HTML, CSS

**Tools & Frameworks:** Android SDK, Android Studio, SQL, XML, Netbeans, Eclipse

**Languages & Frameworks:** Kotlin, Java, XML, JSON

**Architectures & Patterns:** MVVM, MVC, Clean Architecture, Hilt Dagger

**Databases:** Firebase, SQLite, Room Database, Data Store (Shared Preferences)

**Networking:** Retrofit, API Integration, Third-Party Integrations

**Concurrency & Asynchronous:** Coroutines, Flows

**UI & Binding:** View Binding, Data Binding, LiveData

**Authentication:** Google Login, Facebook Login, OTP

## EDUCATION

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**2023-Pursuing**

**MASTERS IN COMPUTER APPLICATIONS**

Indira Gandhi National Open University – BHOPAL

**2018-2022**

**BACHELORS IN COMPUTER APPLICATIONS**

Indira Gandhi National Open University – JABALPUR

**2015-2016**

**SENIOR SECONDARY SCHOOL**

Vardhaman Public School – ITARSI

## CERTIFICATES

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YEAR	CERTIFICATE	INSTITUTE
2019	Android development certificate	Universal Informatics (INDORE)
2018	JAVA Core and Advance	Drmz System Innovation (BHOPAL)
2017	NIELIT O Level	IRTC (INDORE)