

RAJAT GALAR

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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

IT BIRDS, INDORE — ANDROID DEVELOPER

Feb 2023 - Aug 2023

- Independently developed an Android app for invoice and inventory management, integrating **ledger management** and **purchase tracking**.
- Implemented **MVVM architecture** with **Firebase** and **Hilt** to enhance modularity and app performance.
- Improved data processing efficiency by 30% through optimization of backend services.

KELKAR KUL SAMVARDHAN TRUST, KOLHAPUR— INTERN

May 2022 - Oct 2022

- Developed and maintained Android modules, managing large datasets with **CRUD operations**.
- Integrated **ExoPlayer** for YouTube streaming and **JSON-based data fetching**, resulting in a 20% increase in app engagement.
- Enhanced the app's scalability by optimizing database queries and caching.

SIYATECH VENTURES, INDORE — JR. ANDROID DEVELOPER INTERN

Jan 2020 - Mar 2020

- Worked on a live project with integrations like **Google Maps API**, Firebase, and **social login functionalities**.
- Improved app performance by addressing bugs & adding new functionalities, leading to a smoother user experience.

DRMZ SYSTEM INNOVATIONS PVT. LTD, BHOPAL— JAVA INTERN

Nov 2018 – Jan 2019

- Contributed to Java-based client-server management systems with some exposure to Android development.

KEY PROJECTS

IGNOU HELPER - [Link](#)

A student-focused app providing IGNOU students with essential tools like grade card results, term-end results, assignment status, and grade analytics in charts.

- Built with **Jetpack Compose**, **Koin (DI)**, **Ktor (Networking)**, **Jsoup (Web Scraping)**, and JSON Parsing.
- Implements modern UI/UX using Compose for smooth and reactive interfaces.
- Fetches real-time student data using Ktor for API handling and Jsoup for web scraping.
- Features interactive charts for result analysis, helping students track academic performance easily.

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

A full-featured Kotlin + Jetpack Compose trading calculator with real-time charge breakdowns, premium subscription system, and personalized trading analytics.

- Built a **multi-screen architecture** with Jetpack Compose navigation, custom animated side drawer, and dynamic theming system (Classic, Glassmorphism, Wooden, Night Mode)
- Garnered **24,000 downloads** and a **4.2+ rating** on Google Play.
- Integrated **Google Play Billing** with monthly/yearly subscription plans, purchase acknowledgment, and local DataStore-backed premium state management
- Implemented **TradeBook & Analytics** module with PDF/CSV export, and a QuickAdd feature with user-configurable values for premium users
- Automated charge calculations for **9 major brokers**

NIELIT O LEVEL APP - [link](#)

Educational app providing notes in English and Hindi, with **21,000+ downloads** and a **4.2+ rating**.

- Utilized **Room Database** for efficient offline storage.
- Developed in **Java + XML**, ensuring a seamless and accessible experience for users.

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

Invoice and ledger management app featuring comprehensive inventory tracking.

- Designed with **MVVM Clean Architecture** using **Kotlin**.
- Features OTP authentication, Firebase integration, and Room Database.
- Provides **interactive charts and visual analytics** to efficiently track and analyze expenses.

PET PANION APP

A pet management app integrating APIs and improving user performance

- Implemented **SQLite** for offline data storage and **Google/Facebook login** for secure authentication.
- Addressed bugs and optimized app performance using **Java** and **MVC architecture**.

KITES

Family hierarchy management app with CRUD operations and JSON-based data fetching.

- Integrated an inbuilt **PDF viewer** and **ExoPlayer** for video streaming.
- Built with **Java + MVC Architecture**, ensuring optimal data management.

TECHNICAL SKILLS

- **Programming Languages:** Kotlin, Java, C, C++, Python, Jetpack, Html, CSS
- **Android Development:** Android SDK, Jetpack Compose, Room Database, SQLite, Firebase, ExoPlayer
- **Architectures:** MVVM, MVC, Clean Architecture, Hilt Dagger, Koin (DI)
- **Tools:** Android Studio, Visual Studio, View Binding, Data Binding, Git/GitHub, Postman (API Testing), Genymotion
- **Networking:** API Integration, JSON Parsing, Third-Party APIs, Retrofit, Ktor, Jsoup
- **Authentication:** Google/Facebook Login, OTP
- **UI/UX:** Xml, Jetpack Compose

EDUCATION

MASTERS IN COMPUTER APPLICATIONS

Indira Gandhi National Open University – BHOPAL, 2023-2025

BACHELORS IN COMPUTER APPLICATIONS

Indira Gandhi National Open University – JABALPUR, 2018-2022

SENIOR SECONDARY SCHOOL

Vardhaman Public School – ITARSI, 2015-2016

CERTIFICATIONS

- **Android Development Certificate** — Universal Informatics, Indore (2019)
- **Java Core and Advanced Certificate** — DRMZ System Innovations, Bhopal (2018)
- **NIELIT O Level Certificate** — IRTC, Indore (2017)