

# Prasoon Kumar

Bachelor of Technology– Electronics and Communication Engineering – IIIT Ranchi (India)

#2019UGEC043R

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[Portfolio](#)

## PROJECTS

**Auto Reply App** — *Android, Kotlin/Java, Room database, Firebase crashlytics, Notification listener service, Tabbed layout with MVVM architecture, Fragments*

- An android application for giving auto reply message solutions used room persistent library and MVVM architecture.
- **1000+ downloads** with more than 100 active devices.
- An open source project. [Play Store Link](#) [Github Link](#)

**Callblocker** — *Dagger-hilt, Jetpack Compose, Room, coroutines, MVVM architecture, Telephony Manager, Notification Manager*

- The user is able to add and delete contacts to block.
- The app notifies about the blocked call.
- The application has used latest clean architecture pattern.
- Dependency injection has done using dagger-hilt.
- For more information go through [Github Link](#)

**Privvio** — *Android, Kotlin, Coroutine Async Task, Cloud firestore, Delegates, Scheduled Thread Executor, Firebase MAuth*

- Shows simplified privacy policy on top of other application as overlay by fetching data from cloud firestore.
- The application has in app privacy policy feature, where user can see the list of application.
- Firebase authentication is used for login/signup purposes.
- Use of multithreading libraries makes the application very responsive and robust. [Play store Link](#)

## EXPERIENCE

**Software Development Intern | Travvir | Noida, UP**

JUNE 2021 – AUGUST 2021, 2.5 mos.

Worked side-by-side with web backend developers to develop two application.

Completed projects for android and Web backend.

**Android Development Intern | Privvio**

FEB 2021 – MARCH 2021, 2 mos.

Worked side-by-side with system and UI designer to make a multithreaded application. Managed the update cycle of application and solved bugs.

## EDUCATION

**Indian Institute of Information Technology, Ranchi** — *Bachelor's of Technology in Electronics and Communication Engineering*

JULY 2019 - MAY 2023

CGPA – 8.38 ( Till 4<sup>th</sup> Semester )

## TECHNICAL SKILLS

- **Languages**  
C++, Java, Kotlin, Python
- **Libraries and Frameworks**  
Dagger-hilt, Jetpack Compose, Retrofit, Coroutines, Room, NodeJs
- **Tools**  
Git, GCP, Linux, IntelliJ IdeaU
- **Databases**  
SQL, Firebase/Firestore, Room
- **Research and Planning**  
Identifying Problems, Gathering Information, Developing evaluations, Calculating results

## ACHIEVEMENTS

- [Codechef](#), **Rating: 1759**, the best global **rank was 768** in 2021 april long challenge.
- **Hackercup 2021**, qualified till round 2.
- [TryHackMe](#), got 15 badges in learning different tools for red team of ethical hacking.
- **Flipkart grid 2.0 2020**, qualified till round 1 and explored lot of things in round 1.
- **Bleedcode 2020**, Amity University Kolkata, coding contest, qualified round 1, done good in on-site round with rank 5.

## VOLUNTEER ACTIVITIES

- **Android workshop coordinator (IIIT Ranchi)**, Octocon event for HackOctober digital ocean fest.
- **EBSB student coordinator ( IIIT Ranchi)**, Ek Bharat Shreshtha Bharat