

# Prasoon Kumar

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

#2019UGEC043R

+91-9162005457

[Email](#)

[LinkedIn](#)

[Github](#)

[Portfolio](#)



## PROJECTS

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

- A native android application made for showing simplified privacy policy on top of other application, having in app privacy policy feature.
- Foreground services with scheduled thread pool executor are used for checking which application comes in foreground.
- The **challenging** part was to make a better database on **Firestore** so that it will successfully fetch data in **RecyclerView**. **Data Structures and Algorithms** were used to accomplish that.
- [Play store Link](#)

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

- A native android application for giving auto reply message solutions to instant messengers like whatsapp, facebook messenger.
- It also saves the logs of all messages to the local storage. There isn't any tracking of data and messages. Supports dark/light mode.
- An open source project.
- [Play Store Link](#) [Github Link](#)

**Hackathon Organizer** — *Django, REST Apis, HTML, CSS, Bootstrap*

- A web application made for organizing and posting hackathon events.
- You can login as participants and organizer. The organizer has permission to post a event on the website.
- The participants can register for the event and can download its information in the pdf form and also a comment section is there.
- [Github Link](#)

## EXPERIENCE

**Android Developer Lead | Privvio Tech**

FEB 2021 – MARCH 2021

Designed and developed the android application from scratch. Managed the update cycle of application and solved bugs. [Link](#)

## 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, PHP, Javascript, MATLAB, Dart
- **Libraries and Frameworks** : NodeJs, ExpressJs, ReactJs, Tensorflow, Firebase, Room, ReactiveX, flutter
- **Tools** : Git, GCP, Linux, Docker { **Cybersecurity Tools** : Burpsuite, Metasploit, John The Ripper, HashCat, Nmap }
- **Databases** : SQL, MongoDB, Firebase/Firestore, Room database

## SOFT SKILLS

- **Languages**: English, Hindi

## ACHIEVEMENTS

- [Codechef](#) ★★ (Rating: 1759) { Best global rank 768 }
- [Codejam](#) qualifications 2021.
- Got 15 badges from [TryHackMe](#) capture the flag with current rank under 10000.
- Qualified to Round 1 in **Flipkart grid 2.0** 2020.

## EXTRAS

- **Data Structures and Algorithm** practice repository [Link](#).
- Practice repository for understanding **sockets** in C - [Link](#)
- **Capture the Flag** exploration repository - [Link](#).