

Prasoon Kumar

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

#2019UGEC043R

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[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 Oranizer — *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

Software Development | Kubma

JUNE 2021 – Present

Developing android platform software and also working on some part of backend web. In this journey, I have learnt many new things. Till now i have used NodeJs, Java/Kotlin, AWS S3, RxJava, Room Database, RxBus, OpenGL, Android sensors, Multithreading, Flutter.

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 4th 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](#).