Prasoon Kumar

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

#2019UGEC043R +91-9162005457 Hometown: Muzaffarpur, India [Email](mailtp:prasoonk187@gmail.com) [LinkedIn](https://www.linkedin.com/in/prasoon-kumar-8a2676193/) [Github](https://www.github.com/it5prasoon) [Portfolio](https://it5prasoon.github.io)

|  |  |
| --- | --- |
| PROJECTSAuto Reply App *— Android, Kotlin/Java, Room database, Firebase crashlytics, Notification listener service , Tabbed layout with MVVM architecture, Fragments, Retrofit client*  * An android application for giving auto reply message solutions to messengers. * The replied message logs like reply time, notification title etc. are saved to local using Room database. * Retrofit client was used to perform network operations. * Can be used when you are out of station, sleeping. * Having in app update feature made using play core library. * Crash monitoring using firebase crashlytics. * **1000+ downloads** with more than 100 active devices. * An open source project. [Play Store Link](https://play.google.com/store/apps/details?id=com.matrix.autoreply)  [Github Link](https://www.github.com/it5prasoon/Auto-Reply-Android)  Github Browser (MVVM) *— Kotlin, Coroutines, Room, Dagger-Hilt, Retrofit, Glide, ViewBinding, Navigation, Fragment*  * Pick any of your favorite github repository and create a mini android app showing its details on the android app. * Used navigation and viewbinding architecture components. * A single activity application. * Dagger-hilt is used for dependency injection for Retrofit, Room. * Check out the [Github Link](https://github.com/it5prasoon/Github-Browser)  Privvio *— Android, Kotlin, Coroutins, 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](https://play.google.com/store/apps/details?id=app.privvio.android)  EXPERIENCESoftware Development Intern | Travvir | Noida, UPJUNE 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. * Tech used: *Android, NodeJs, ExpressJs, Retrofit, gRPC ( for speech to text ), Coroutines, Camera2API, Javascript interface, JNI (NDK), Sensor Manager.*  Android Development Intern | PrivvioFEB 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. | EDUCATIONIndian Institute of Information Technology, Ranchi — *Bachelor’s of Technology in Electronics and Communication Engineering***2019 - 2023** **CGPA – 8.****38 ( Till 4th Semester )**TECHNICAL SKILLS  * **Software development engineering** * **Programming Languages** ( *C++, Kotlin/Java,, Javascript, Python* ) * **Android development** *( Kotlin )* * **Architecture Components** *( Room, LiveData, ViewModels, WorkManager, ViewBinding )* * **Multithreading** *( Coroutines )* * **Design Patterns** *( MVP, MVVM )* * **Fundamental web backend** *( NodeJs, ExpressJs )* * **Data structures and algorithms** * **CS core subjects:** *Object Oriented Programming**( Kotlin/Java), Computer networks, Operating systems, Database management systems**( SQL )* * **Other Tools:** *JSON, REST, Linux*  ACHIEVEMENTS  * Problem solving: [Codechef](https://www.codechef.com/users/prasoon_8)**,** [GeeksforGeeks](https://auth.geeksforgeeks.org/user/kn1ght/practice) * **Hackercup 2021,** qualified till round 2.  * [TryHackMe](https://tryhackme.com/p/cyb3rknght), got 15 badges in learning different tools for red team of ethical hacking. * **Bleedcode** 2020, Amity University Kolkata, coding contest, qualified round 1, done good in on-site round with rank 5.  VOLUNTEER ACTIVITIES  * **GDSC Android development lead ( IIIT Ranchi )** * **Android workshop coordinator ( IIIT Ranchi ),** Octocon event for HackOctober digital ocean fest**.** * **EBSB student coordinator ( IIIT Ranchi ),** Ek Bharat Shreshtha Bharat  SOFT SKILLS  * Quick learner * Adaptability  INTERESTS  * Programming, Gaming, Gardening, Learning new things |