Prasoon Kumar

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

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| PROJECTSAuto Reply App *— Android, Kotlin/Java, Room database, Firebase crashlytics, Notification listener service , Tabbed layout with MVVM architecture*  * 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](https://play.google.com/store/apps/details?id=com.matrix.autoreply)  [Github Link](https://www.github.com/it5prasoon/Auto-Reply-Android)  Hackathon Oranizer *— Django, REST Apis, HTML, CSS, Bootstrap*  * A web application made for organizing and posting hackathon events. * Used django MVT pattern and also REST apis for authentication process. * For more information go through [Github Link](https://github.com/it5prasoon/OrganiseHackathonsDjango)  Privvio *— Android, Kotlin, Coroutine Async Task, Cloud firestore, Delegates, Scheduled Thread Executor, Firebase MAuth*  * Shows simplified privacy policy on top of other application, having in app privacy policy feature. 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)  Travvir (Android App) *— Android (Java & Kotlin), Webview, Javascript, Maps SDK, NodeJs Retrofit REST APIS, RXJava, Coroutines, gRPC*  * Converted speech-to-text using gRPC and joined the returned output with web page using Javascript interface. Attached google map to the application by getting results from APIs using retrofit client.  DIY ( For Travvir) *— Android, Camera2 API, Coroutines, FFMPEG native library, Sensor manager, RXJava, Retrofit, NodeJs, Room database, JNI (NDK )*  * Used coroutines to do sequential and parallel background tasks to extract the frames using FFMPEG. Accelerometer and magnetometer was used to get the Euler angles by using Sensor Manager. * Written the server side code using Node.Js to upload zip and extract it automatically in AWS S3 bucket.  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. 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*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, RXJava, Flutter, OpenCV, JNI, Retrofit**   * **Tools**   **Git, GCP, Linux, Docker, Jenkins**   * **Databases**   **SQL, MongoDB, Firebase/Firestore, Room**   * **Research and Planning**   **Identifying Problems, Gathering Information, Developing evaluations, Calculating results** ACHIEVEMENTS  * [Codechef](https://www.codechef.com/users/prasoon_8) **, Rating: 1759,** the best global rank was 768 in 2021 april long challenge. * **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. * **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  SOFT SKILLS  * **Languages:** English, Hindi |