

Arteev Raina

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EDUCATION

- **Shri Mata Vaishno Devi University** Jammu, India
Bachelor of Technology in Computer Science Engineering; CGPA: 8.34 July 2018 – June 2022

PROGRAMMING SKILLS

- **Languages:** Java, Dart, JavaScript **Technologies:** Flutter, Provider, BLOC, Firebase, React, Node

EXPERIENCE

- **Brandie** Stockholm, Sweden
Software Engineer Jan. 2022 - Present
 - **Brandie Platform:** Currently maintaining and adding features in the Brandie Platform.
- **Pravegak Technologies** Gurgaon, Haryana
Software Developer Intern May 2021 - Aug. 2021
 - **Cross Platform:** Developed fast and secure cross platform applications in a team of developers for Android, IOS and Web using **Flutter**.
 - **Architecture:** Followed the principles of **BLOC** and **Repository Pattern** for state management. This helped in improving the scalability of the software.
 - **Databases and Authentication:** Integrated NoSQL database and various authentication methods keeping in focus the optimization techniques to prevent server overhead. This helped in reducing server cost by reducing the reads. Wrote firebase cloud functions to perform the server side operations on the database collections.
 - **Test Driven Development:** Wrote widget, unit and integration tests. This helped in preventing bugs in production environment and improved the productivity of the team by reducing the time in manual testing.
 - **Documentation and Deployment:** Wrote documentation for the code and it helped the team to understand the code more thoroughly and helped in shipping products faster. Created releases for applications on Google Play Console and App Store Connect. Links to applications **Sujal**, **Unicohub** and **Mindbrink Call Records Uploader**.
- **Flutter** Remote
Open Source Contributor Dec. 2020 - Present
 - **Testing:** Helped in improving the unit and widget testing of the sample applications. It helped the developers getting started with Flutter to understand the implementation patterns.
 - **Null Safety Migration:** Migrated the sample to null safety in order to support latest Flutter Versions.
 - **Documentation:** Wrote clean and well commented code which followed Google's guidelines. **Link to Pull Requests**

PROJECTS

- **Know Your Donor (Flutter, Provider, Dart, Firebase):** KnowYourDonor is an Android application that eases the task of finding blood donors in your nearby area. It uses Google Maps Plugin that helps in locating the blood donors and recipients in your nearby radius. Firebase Cloud firestore is used as a No SQL database and Firebase Authentication has been implemented in the application. Wrote clean and maintainable code that has helped other open source contributors to contribute to the code. This project got accepted by **Google's Dev Library**
- **Code Editor (React JS, Express JS, Node JS, Context APIs):** Code Editor is a code compiler that supports multiple languages like C, C++, Python and Java. It has better response to StackOverFlow Errors and Infinite Loops. It has option for downloading the code file and functionality for autoinput. It also has a separate interface for HTML, CSS and JavaScript Editor.

ACHIEVEMENTS

- **Menon Labs Fellowship UK, London:** I was selected as 1 out of 20 students to work on open source project of Learning Equality.
- **Google Dev Library Contributor:** Project **KnowYourDonor** got featured in **Google's Dev Library**.
- **Udacity Scholarship:** Recipient of Udacity's Machine Learning Scholarship.