

# Prerak Mann

B-Tech, Computer Engineering - Delhi Technological University

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[mannprerak2.github.io](https://mannprerak2.github.io)

## EXPERIENCE

### Dart, Google Summer Of Code — Internship May '20–Sept '20

Worked on an FFI bindings generator for Dart lang by parsing C/C++ header files using LibClang and dart:ffi. Project is open sourced at [github.com/dart-lang/ffigen](https://github.com/dart-lang/ffigen).

### Samsung Research In. Bangalore — Internship May'20–July'20

Worked on a News recommendation system designed on Indic Languages. Technologies used: Elasticsearch, Flask, StanfordNLP, Scrapy, Chrome Extension Dev.

## EDUCATION

### Delhi Technological University, New Delhi

- B-Tech, Computer Science, 2017 - 2021 Batch
- 1st - 5th Semester CGPA - 8.42

### New Era Public School, New Delhi

- Class 12th CBSE Board 92%
- Class 10th CGPA - 9.2

## PROJECTS

### Event Hub (App) — [View Events at DTU.](#) [Link](#)

A full-fledged cross-platform mobile App made with Flutter, Cloud Firestore as backend. App uses Firebase to fetch events in DTU. Events are Web Scrapped from various society pages and uploaded to the Database.

### Activity Do (App) — [Organise Notes & Activities](#) [Link](#)

A notes app with high-level capabilities made with Android using Java, Features - images, check-lists and text-based notes.

### Nearby Connections (Plugin) — [Flutter Plugin](#) [Link](#)

Android plugin to transfer data between multiple connected devices using fully offline peer to peer networking.

### PutAway (Web) — [New Tab Extension](#) [Link](#)

A Chrome extension to manage Tabs and Sessions as Bookmarks.

### Other minor Projects

Using C# for Game Dev in Unity 3D game engine, Machine learning using Python and Front End Web development

## COURSES

- Operating Systems. C++, Data Structures and Algorithms.
- Database Management System (DBMS)
- Object Oriented Programming (OOP) and Software Engg.
- Computer networks, AI, Compiler Design

## SKILLS

### Programming Languages

- C++
- Dart-Lang (by Google)
- Java
- Shell Scripting
- Python (Machine Learning using Tensorflow, Web scraping) (beginner)

### App Development

- Android (~1 yrs)
- Flutter (~2.5 yr)

### Front End Web Development

- Java Script (JS)
- HTML, CSS
- Vue (beginner)

### Others

- Data Structures
- Algorithms
- GIT for Version Controlling
- Databases (SQL)
- Firebase (by Google)

## CONTRIBUTION

### Open source contribution

Contributed to major open source projects like Flutter, Dart. Created packages fo

### Google Developer Student Club - Android Core Team

Active member for conducting workshops and projects on Android Dev. at DSC-DTU

## About Me

- Coding enthusiast with a flair for App & Software Development.
- Badminton player
- Love creating music covers on guitar