Prerak Mann

B-Tech, Computer Science - 3rd Year (DTU)

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GitHub:
github.com/mannprerak2
Portfolio:
Mannprerak2.github.io

EXPERIENCE

Books Rental App — *App Developer*   May - July '19

Made a cross-platform mobile app for book renting and lending from scratch using **Flutter.** Consumed **RESTful API** connected to backend based on NodeJS.

Live Polls and Survey App — *App Developer*   Dec '18 - March '19

Made a **Native Android** app for participating in surveys and live polls.Used **Firebase** for authentication and notifications. Consumed **RESTful API**.

EDUCATION

Delhi Technological University, New Delhi
- B-Tech, Computer Science, 2017 - 2021 Batch
1st - 4th Semester CGPA - 8.33

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

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

Jigsaw Camera Puzzle (Game) — *Hyper Casual Puzzle*   Link

A Sliding Jigsaw Puzzle of 4x4 grid with a scrambled live camera feed in under 5kb of **Dart** code (made with **Flutter**). Submitted to the Google Flutter Create Challenge.

pLinkSaver (Web) — Browser Extension   Link

A **Chrome' extension** to save links 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)

SKILLS

Programming Languages
- C++
- Dart-Lang (by google)
- Java
- Bash Shell Scripting
- Python (Machine Learning using Tensorflow, Web scraping) (beginner)
- C# (beginner)

App & Game Development
- **Android (~2 yrs)**
- **Flutter (~1 yr)**
- Unity 3D

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

Google Developer Student Club - Android Core Team
Active member for **conducting workshops** and projects on Android Dev. at DSC-DTU

Open source contribution
Active Open Source Contributor. Added multiple open source dart package to **pub.dev**, added multiple issues, pull requests, etc on **GitHub**.

About Me

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