

Prerak Mann

B-Tech, Computer Engineering - Delhi Technological University

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

EXPERIENCE

Dart, Google Summer Of Code—*Internship*

- Duration: (3 months) 1 June'20 - 24 Aug'20
- Worked on an FFI bindings generator for Dart lang by parsing C/C++ header files using LibClang and dart:ffi. The project is open-sourced at github.com/dart-lang/ffigen.

Samsung Research Bangalore—*Internship*

- Duration: (2 months) - 18 May'20 - 13 July'20
- Worked on a News recommendation system for Indic Languages. **Technologies used:** Elasticsearch(search engine), Flask(server), StanfordNLP(python), Scrapy(web scraper), Chrome Extension(frontend)

EDUCATION

Delhi Technological University, New Delhi

- B-Tech, Computer Science, 2017 - 2021 Batch
- 1st - 6th Semester CGPA - 8.58

New Era Public School, New Delhi

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

PROJECTS

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

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.

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)
- Python
- Javascript
- Java
- Shell Scripting

App Development

- Flutter (~2.5 yr, cross-platform apps)
- Android (~1 yrs)

Front End Web Development

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

Others

- Data Structures
- Algorithms
- GIT for Version Controlling
- Databases (SQL)
- Firebase (by Google)
- Web scraping - Scrapy.
- Node-JS (beginner)
- Flask-Python (beginner)
- Unity3D game dev (stale)

CONTRIBUTION

Open source contribution

Contributed to major open source projects like Flutter, Dart.

Google Developer Student Club - Android Core Team

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

Blogger - Medium

[Link](#)

Written technical blogs on medium. User: [@mannprerak2](#)

About Me

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