APURBA ROY

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ABOUT

Currently I am pursuing my fourth year of graduation (Dual Degree: BTech + MTech) in Computer Science from Indian Institute of Information Technology Design and Manufacturing, Kancheepuram, Tamil Nadu.



EDUCATION

Graduation (Computer Science) | IIITD&M Kancheepuram | 2019 – 2024

CGPA: 8.54

Higher Secondary | Jenkins School | 2017 – 2019

CGPA: 9.4



Internship

AppLib Group

Dec 2021 – Jan 2022

- Worked as **android developer** for Harmony OS (by Huawei).
- Converted some Android libraries to Harmony OS libraries (links below).
 - Library 1: https://github.com/applibgroup/TitleLayout
 - Library 2: https://github.com/applibgroup/PercentVisibleLayout



PROJECTS

Attenda (React Native, expo Go, Type Script) 🔽 F

Oct 2020 – July 2022

- Application to take attendance automatically using wifi and hotspot technology.
- Built on **React native**. Used **expo Go** for testing the app.
- Group project. I have worked as front-end designer (designed in figma) and developer.
- Consist of 31+ screens. I have designed and write code for all of those.
- Used **Notion** and **Trello** to manage the workflow.

My Ebook (Android, Firebase, Java)



April 2020 - Sep 2020

- **Android application** to get all the study materials for the academic in one place.
- Implemented functionality to choose specification, download, upload, arrange, read, delete etc.
- Use **firebase storage** to store pdf files and **firebase database** as the database.

Password Manager (Android, Java)

March 2020 - April 2020

- Android application to store and manage all the password of virtual accounts.
- Use **shared preferences** to store and retrieve data.

SKILLS & ACHIVEMENTS

- Coding: Practiced 450+ questions in C++ on leetcode.
- Relevant Courses: Algorithm and Data Structure, Object Oriented Programming, Database Management System, Operating Systems, Computer Networks.
- Technology/Frameworks: Android, Web, React Native, ReactJS, Node.js, Firebase, Linux
- Programming Language: C/C++, Java, Python, JavaScript, PHP, HTML/CSS, SQL