Aryan **Arora**

STUDENT · CS ENTHUSIAST

(+91) 6392885428 | aryanarora.w1@gmail.com | aryanarora.hashnode.dev/ | aryanA101a | aryanar0ra

"I must create a System, or be enslav'd by another Man's; I will not Reason and Compare: my business is to Create."

Summary

A passionate computer science engineering student with an insatiable curiosity for exploring everything this field has to offer. Whether it's programming languages, frameworks, or algorithms, I'm always looking for new challenges to push my limits and expand my horizons. My expertise lies in mobile app development and computer architecture.

Education

Jaypee University of Engineering and Technology   *Guna, India*
B.TECH IN COMPUTER SCIENCE ENGINEERING   *Oct. 2020 - Present*

Experience

Degpeg   *Remote*
ANDROID DEVELOPER INTERN   *Jun. 2021 - Aug. 2021*
- Modified the video streaming plugin to extend its functionality to support multiple rtmp live streams simultaneously and on-stream graphics.
- Worked on YouTube and Facebook Live-stream APIs.
- Created a prototype android app of their business idea.

Open Source
OPEN SOURCE COUNTRIBUTOR
- Made the checksum verification 2.6x faster in libzim
- Added ipv6 support to libkiwix

Skills

Technologies	Linux, Native Android, Flutter, BubbleTea, GraphQL, FastAPI, SQL, Firebase
Languages	C, C++, Go, Assembly, Python, Kotlin, Dart
Concepts	OS, Computer Architecture

Projects

lulu   *Source Code*
GOLANG
- A LC3 architecture based virtual machine.

Nin   *Source Code*
C
- A command line text editor from scratch.

Villi   *Source Code*
GO, BUBBLETEA
- A TUI based Bit-Torrent client.

Bootsector-snake   *Source Code*
X86 ASSEMBLY
- A snake game enclosed in the boundaries of bootsector.