

Ayush Kumar

Website| ayushk0520@gmail.com

EDUCATION

SRM-IST

COMPUTER SCIENCE ENGINEERING
CGPA (upto 3rd semester) : 9.51

ST JOHNS HIGH SCHOOL

July 2020 | Chandigarh, India

LINKS

Github:// [Ayushkumar05](#)

LinkedIn:// [Ayush Kumar](#)

SKILLS

PROGRAMMING

- Python
- HTML/CSS
- Javascript
- SQL
- Data Structures and Algorithms

Familiar:

- C/C++
- LATEX
- Lua
- Solidity
- Android Studio

ACHIEVEMENTS

- 1st place YPS International coding competition (2019)
- Represented school at CBSE Science Fair (2017)

COURSES

- QSTP Introduction to blockchain (Google Developers Group BITS Goa)

PROJECTS

CANCERPEDIA

| April 2022 |

- A webapp which contains anything and everything you need to know about cancer. The project also includes a chat-bot to solve all your queries.
- Users can upload ct scans of lungs and MRI scans of their brains to get a prediction on their health. Used the VGG-16 CNN model as a base to build an image classification neural network.

HELION AIR CANVAS

| December 2021 |

- Virtual whiteboard where your finger is the marker
- Used OpenCv to create an application in Python

DMS- THE LARGE STAGE FOR THE SMALL SCALE

| October 2021 |

- The website aims to act as a bridge between small scale manufacturers and startups looking for goods production at a small scale and individual local skilled workers who require access to a reliable employer
- Used python to create a basic back-end with a chatting service. Front-end was created using vanilla HTML/CSS. SQL was used for setting up the database.
- Used the Flask framework to deploy a prototype of the web-app.

BLOCKCHAIN VOTING APP

| April 2021 |

- A platform on which one can conduct online elections. Being built on blockchain it is extremely secure and ensures anonymous votes.
- The app was created using Android Studio. The smart contracts were made using solidity and deployed on the Matic Testnet

EXPERIENCE

COMMITTEE HEAD

Vimanaz, Aarush 22'|October 2021 - present |

- Helped conduct "Aeromatrix" an Online event under Aarush 21'
- Responsible for organising Flagship Event for Aarush 22'

COMMITTEE HEAD

SRM Cube Club|November 2021 - present |

- Conducted a workshop "Learn how to solve a Rubik's Cube in under 30 seconds"
- Organised an Online Speed Cubing Event

TECHNICAL ASSOCIATE

SRM HackerEarth| October 2020 - November 2021 |

- Played an integral role in organising "Game of Codes"
- Member of the competitive coding community

GAME DEVELOPER INTERN

Startup Elves | May 2018 - July 2018|

- Interned under Mr. Karan Checker, CEO.
- Created a 2D game using Lua

