

# JAINAV SANGHVI

Jaipur, Rajasthan

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Linkedin Profile

Github ID

## EDUCATION

### IIIT Bangalore

Integrated Masters of Technology in Computer Science and Engineering

11 2020 – 07 2025

Bangalore, India

### Jayshree Periwal High School

Secondary Education(Grade 3-12)

04 2010 – 03 2020

Jaipur, India

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Design & Analysis of Algorithms
- Operating Systems
- Programming in C/C++/Java/Python
- Database Management Systems
- Computer Networks
- Discrete Maths
- Economics
- A Computational Introduction to Number Theory
- Probability and Statistics
- Linear Algebra and Complex Numbers

## PROJECTS

### Complaint Box | MERN Stack

02 2022

- The official Complaint Box of every school and company in India, so that the complaints of people can be heard and administration can look into it and improve it.

### Survival Death Valley | Python, Pygame

02 2021

- This is a Two Dimensional Racing Car Game developed by using pygame module in python.

### IAS Emulator | C++

05 2021

- A command line emulator for the IAS machine code Emulator.

### Dungeon Crawler | C++, SDL

09 2021

- 2D Dungeon Crawler Game based on The Legend of Zelda built with the help of SDL Library in C++.

### Image Converter(.TIFF to .GIF) | C

02 2021

- Converts .tiff images to .gif images
- Image Manipulation

## EXPERIENCE

### IIIT Bangalore

Teaching Assistant

03 2022 – 07 2022

- SM211 Mathematics 3 - Probability Statistics
- Tasks: Problem-set making, solving problems discussing doubts during tutorial sessions, evaluation grading of assignments exams.

## TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, HTML, CSS

Developer Tools: VS Code

Technologies/Frameworks: Linux, GitHub, Pygame, SDL, Reactjs, Firebase

## EXTRACURRICULAR

Role

10 2021 –

Location

- It's a community of open source developers within the college
- Organised and provided technical expertise for multiple events regarding Linux and GitHub