

# Armaan Shah

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## WORK EXPERIENCE

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### Behind the Scenes NGO

Oct 2022 – April 2022

*Social Media, Website Development*

- Managed Twitter, LinkedIn; increased follower count 2x and 3x respectively.
- Developed and maintained website (<https://www.btsngo.co.in/>).

### Vidya & Child

Nov 2021 – Jan 2022

*Website Development*

- Updated and overhauled website (<https://vidyaandchild.org/>)

### CovInfo

Feb 2021- July 2021

*Co-founder, CTO*

- CovInfo was a Telegram and WhatsApp bot that helped users access Covid-19 relief materials.
- Used Flask to develop a back-end in Python capable of parallel requests that interfaced with Google Sheets API to retrieve and store data.

## Projects

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### Simulated Computer

- Taught myself hardware design and designed a processor, its machine code, and an assembler. Implemented a software simulation using C++ and the GLFW graphics library.

### Finance Tracker

- Used Flutter to create a cross-platform mobile app to store daily transactions.

### Hardware Simulator

- Developed a hardware simulator using Unity and C# to enable users to create custom logic gates, save them, and analyze inputs and outputs. Was used as a learning tool for CS students in my school.

### Pop-up comments on YouTube

- Learned and utilized JavaScript to create a Chrome extension that allows users to see comments on a video through a button injected into the video player.

### Software Rasterizer

- Created a C++ project that takes 3D object data, and displays it onto the screen using the GLFW graphics library. Used Boost to allow for hardware acceleration.

## EDUCATION

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### Ashoka University

2022-2026

*BSc Computer Science*

- Computer Science Society: Developing tool to allow clients to get in touch with developers.
- Campus Life Ministry: Social Media Manager.

### The Shri Ram School- Aravali

May 2022

- ISC: 98%, ICSE: 97.5%