

# Priyansh Sinha

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## Academic Details

Year	Degree	Institute	CGPA
2019 - Present	B.Tech in Computer Science & Engineering with Specialization in Data Analytics	Vellore Institute of Technology, AP	7.96
2019	Class XII CBSE	St. Xavier's High School, Nagpur	8
2017	Class X CBSE	Bhavan's BP Vidya Mandir, Nagpur	10

## Experience

Design Lead at Microsoft Student Chapter VIT-AP

Aug '21 – Present

- Led a team of graphic designers to efficiently illustrate creative graphics for the promotion and events of the chapter in order to captivate the speakers and guests.

Freelance Graphic Designer

Jun '21 – Mar '22

- Served as a freelance graphic designer on 3 freelance sites.
- Innovated and designed 50+ unique and creative logos, promotional posters and attractive templates for satisfied customers.

## Projects

Squid Games – Red Light Green Light

Dec '21 – Feb '22

- Inspired by the mega popular Netflix release Squid Games, I tried to recreate the famous first game from the show, The Red Light Green Light game.
- Developed a game dev and web dev hybrid project using **HTML, CSS, JavaScript and Three.js**.
- Worked closely with JavaScript and Three.js concepts and **implemented 3D models** using Three.js.
- Configured and deployed the game by **hosting on GitHub** pages.

Driver Drowsiness Detection System

Jul '21 – Oct '21

- Implemented a 92 % accurate Driver Drowsiness Detection System.
- Developed a **Data Analytics** working project using **Python, Dlib and OpenCV**.
- Experienced and understood the use of various python libraries such as **Numpy, Pandas, Imutils, Matplotlib**.

Traffic Priority Control for Ambulance

Aug '19 – Feb '19

- Designed and implemented a system which **prioritizes an ambulance and clears the traffic on the stop ahead for it to pass quickly** and reach their destination quicker in **order to save lives**.
- Research showed this system could help in **avoiding 13% of the complications** which occur due to ambulances being late.
- Utilized the functionalities of **Arduino UNO complemented by Python and Java** to execute the system of NFC cards and traffic lights to perfection.
- Worked and communicated closely and effectively with my team to optimize this project.

## Skills

Java | Python | HTML | CSS | JavaScript | SQL | MongoDB