



# Piyush Raj

3rd Year Student



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Kolkata



## About Me

I am a 3rd Year CSE student at Techno India University. My objective is to associate with a vibrant organization, to fully utilize my knowledge, skills and contribute to the overall growth of the organization.

## Soft Skills

- Project Management
- Problem Solving
- Creativity
- Leadership
- Digital Marketing
- Communication Skills

## Programming Skills

- Python, C++, C
- HTML, CSS, Javascript
- DSA, OOP, OS, DBMS, Software Dev and Eng. (Agile Based)
- Basic of Machine Learning
- Data analysis
- Basic of Software Testing
- Basic Knowledge of AWS cloud
- MS Excel, MS PPT, MS WORD

## Certifications

### PYTHON FOR DATA SCIENCE (NPTEL)

Used python programming for solving Data science problems.

### Google Analytics Professional Certification (GOOGLE)

Learned Principles, Implementation and data collection, configuration and administration.

### AWS Academy Cloud Foundation (Amazon)

Learned about the various services offered by AWS for storage, networking, compute, database and security.

### Fundamentals of Digital Marketing (Google)

We gain an understanding of how the digital economy works and develop the critical insights necessary to succeed in e-commerce and digital and social media marketing.

## Project Highlights

### Traffic management using deep yolo model

- This project manages traffic congestions using vehicle detection using yolo model and deep learning.
- Also, developed traffic congestion management simulator using pygames with simulated dataset.
- Tech Stack: Yolo model, pygames

### Color Picker

- It is a Chrome-Extension for picking color from anywhere in the Page and it shows the Hexadecimal Color Code.
- The Extension has an easy-to-use interface and can be accessed directly from the Chrome browser.
- Tech Stack: HTML, CSS, JavaScript, Chrome extension api.

### Tic-Tac-Toe Game

- Normal cross game
- Tech Stack: C++

### Virtual Drum Kits Band

- A virtual setup of Drum kits which can be played by small child at any smartphone or Laptop.
- Tech Stack: HTML, CSS, JavaScript.

### Game Challenge Competition

- It is a simple game of memory check where we have to choose colour according to the pattern shown there.
- It's a one player game consists of 4 different sounds for 4 different colors of boxes in it.
- Tech Stack: HTML, CSS, JavaScript.

## Education

2020 - Present	<b>Techno India University</b> Bachelor of Engineering in Computer Science and Business System Kolkata, India 8.85 CGPA
2019	<b>Teresa International Academy</b> Higher Secondary School Bhagwanganj, Patna (INDIA) Percentage: 79%

## Extracurricular

- Google Developer Student club  
Techno India University
- Core-Member of Vivarta (Technical Fest)  
Techno India University.
- Actively Participated in a lot of workshops on Web Development and Android Development, Machine Learning and Competitive Programming along with a peer group of 100 people approx.