

# Raunak Raj

## Student Developer

Versatile, detail-oriented and adaptable professional with a strong foundation in a wide range of fields. Currently pursuing a Bachelor of Technology in Computer Science and Engineering, with diverse experience in Software development, Machine Learning, Data Science, Data Analytics, Web Development etc. I am confident that my diverse background and adaptability will enable me to make a valuable contribution to any organization.



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## EDUCATION

### BTECH

Vellore Institute of Technology, Vellore

09/2020 - Present

CGPA: 8.92

#### Courses

- Computer Science and Engineering

### 12th Board (CBSE)

Bihar Public School

04/2017 - 05/2019

85.8%

#### Courses

- PCME with Physical Education

## SKILLS

Java

MySQL

Data Analytics

Python

PHP

Machine Learning

C/C++

HTML/CSS

JavaScript

PowerBI

Pandas

Cloud

Git

Github

OpenCV

Microsoft Office

Excel

Data Structures

Leadership

Multitasking

Competitive Coding

Time Management

Problem-solving

Project Management

## WORK EXPERIENCE

### Human Resource Head

FEPSI NGO (Social Outreach Club)

01/2022 - 02/2023

FEPSI is a youth-based NGO working towards a better and egalitarian society. A national-level NGO with a team of over 150 members in Vellore Institute of Technology (VIT, Vellore).

#### Achievements/Tasks

- Represented FEPSI in front of the student welfare of the university, effectively promoting the organization's mission and activities to a wider audience.
- Administered a team of over 35 members in the HR department, overseeing recruitment, training, and evaluation processes to ensure a high-performing team.
- Managed all HR-related tasks for the organization, including event approval, formal and informal meetings, documentation, and more, with a keen eye for detail and exceptional organizational skills.
- Collaborated with other team members to plan and execute outreach events and initiatives, successfully impacting the local community in a positive way.

### Documentation Coordinator

Riviera'23 VIT

01/2023 - 03/2023

#### Achievements/Tasks

- Acted as the Documentation Coordinator for Riviera, VIT Cultural Fest, responsible for developing and maintaining all necessary documentation for the event.
- As Documentation Coordinator for Riviera, I ensured complete and accurate event-related documentation by coordinating with teams and creating accessible manuals and checklists. This streamlined communication and contributed to the event's success.
- Oversaw the distribution of documentation to relevant stakeholders, ensuring that they had access to all necessary information in a timely and efficient manner. Also provided support and assistance to a team member whenever required.

## PERSONAL PROJECTS

### Sign Language Recognition (02/2022 - 04/2022)

- Created a web application utilizing Deep Learning algorithm (CNN) for recognition of American Sign Language (ASL) and conversion into English alphabets. And used HTML, CSS and Bootstrap for creating an interactive and user-friendly interface.
- Showcases proficiency in both machine learning and web development, and ability to solve complex problems using innovative technologies.

### Criminal Detection with Database (12/2022 - 03/2023)

- I developed a criminal registration application using Python and MySQL, implementing facial recognition through OpenCV to identify potential matches with criminal records in both images and videos.
- This project demonstrated my proficiency in programming and database management, and highlighted my ability to create practical and impactful applications.

### The URL Shortener (01/2023 - 04/2023)

- Developed and implemented a URL shortening application, featuring customizable URLs and MySQL database storage capabilities. Utilized HTML, CSS, and JavaScript for front-end design, with PHP as the primary language for back-end development.
- Incorporated robust security features to ensure user data privacy and optimized application performance through rigorous testing and debugging.

## ORGANIZATIONS

### FEPSI-VIT (12/2020 - Present)

Core Member and HR Head

### SEDS Project (12/2020 - 01/2022)

Core member, TEAM Vyadh member

### Riviera VIT (01/2023 - 03/2023)

Documentation Coordinator

## BADGES & CERTIFICATES

### 5 Star in HackerRank (01/2022 - Present)

Have 5 star in HackerRank in Java, Python, C++ and SQL

### Fundamentals of Data Analytics (03/2023 - 03/2023)

Successfully completed fundamentals in data analytics certificate from FutureSkills in collaboration with LEAPS and ANALYTICA