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# Education

# Vellore Institute of Technology BTech, Computer Science and Engineering.

**Relevant Coursework:** Artificial Intelligence, Web Development, Data Structures

**Projects**:

**P2P Firewall with VirusTotal Integration**

* Developed a Python-based P2P firewall that captures network traffic using Wireshark/TShark and scans files for malware using the VirusTotal API.
* Implemented real-time threat detection and logging system for files flagged by VirusTotal.
* Designed a Kivy-based GUI for users to run scans and view results directly.
* Technologies: Python, Wireshark, TShark, VirusTotal API, Kivy.

**Delhi Public School Ghaziabad Vasundhara** Ghaziabad, Uttar Pradesh

**Key Coursework:** Specialized in Science stream with Mathematics and Computer Science focus. 82.4% in CBSE boards

**Projects:** School Stayback Management System using Python and MySQL

**Extracurriculars:**

IT Prefect

* Led IT-related initiatives and supported technology integration during school events.
* Provided technical assistance to students and staff, ensuring smooth operation of IT resources.
* Managed and maintained IT equipment, including troubleshooting and minor repairs.
* Organized workshops or sessions to enhance peers’ digital literacy. March,2023

# Sangam ClubExperience

* **Design Team Member,** Sangam Club

Created visually engaging designs for club promotions and events.

Worked on branding and graphic materials to enhance club visibility.

* **Management Team Member,** Sangam Club

Organized and coordinated events, ensuring smooth execution.

Managed schedules, resources, and team collaboration for club activities.

**Autonomous Unmanned Vehicles Club (AUVC)**

* **Member**, Autonomous Unmanned Vehicles Club (AUVC)

Assisted in event management, ensuring smooth coordination and execution of club activities.

Contributed to the design of promotional materials and event-related content.

**ROTARACT CLUB of VIT University Chennai**

* **Member,** Rotaract Club of VIT Chennai

Engaged in social service initiatives, leadership programs, and community outreach events.

Coordinated and supported various club events, focusing on community welfare.

* **Member,** Green Rotaract Club

Contributed to environmental sustainability projects, including awareness campaigns and eco-friendly initiatives.

Worked on organizing events focused on reducing the carbon footprint and promoting green practices.

**Skills & Interests**

**Technical:**

* Programming Languages: Python, Java, C, C++
* Web Technologies: HTML, CSS, JavaScript, React
* Database: MySQL

**Language:**

* English: Proficient
* Hindi: Proficient
* German: Beginner

**Interests:**

* Web Development
* Machine Learning
* Artificial Intelligence