# Abhinav Srivastava

VIT '21, CS Undergrad.

Web developer Aspiring to go full stack, Passionate Engineer, UI/UX designer. Founder, Ursado Designs.



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## **EDUCATION**

**B.Tech. Computer Science**Vellore Institute of Technology

2017 - Present

**High School** Leed's Asian Academy

2015 - 2017

## **PERSONAL PROJECTS**

Electronic Personal Healthcare system

- Uses PHP and MySQL to store and display data
- HTML,CSS+JS
- Uses Python to analyse and display results

### Operating System developement for ARM

- Ongoing Project
- Project lead

### Interactive ASMR Game in AR/VR

 An Immersive ASMR experience to help patients with anxiety, ADHD, PTSD and other such problems. Could also help patients at hospitals and special education centers.

#### BB84 Protocol for effective end-to-end effective protocol

- Idea was in the Top 15 of 60 teams at DevSpace VIT
- Developed using QISKIT, the Python library for Quantum Computing

#### TBCHQ: A way to help Rural Workers report Tuberclosis cases

- Selected as the best project by Prof. Deepa M of VIT University in a class of 60 students
- Uses PHP,SQL and Materialize CSS framework
- Python to detect anomalies in a certain region
- GIS based graphing to graph the anomalies in a region

## **SKILLS**

Graphic Design

UI/UX

**Network Engineering** 

PHP (Laravel)

NodeJS

Django

HTML+CSS+JS (Angular)

Selenium Webdriver

# **ACHIEVEMENTS**

# Winner of "Most Innovative Project" at Hackertech, VIT conducted by E-Cell,VIT

Developed a System to help soldiers in the field with vision and army reinforcements using Haar Cascade based Image Processing, Chrome API based location detection and a physical gimbal-esque support system to help the shooter.

# Co-Host and Designer of DreamWorld Film Festival

Hosted VIT's official Film Festival and designed the posters for it as well.

# CERTIFICATES

Automata Theory

Stanford Lagunita

The Arduino Platform and C Programming

UC, Irvine

Introduction to TCP/IP

Yonsei Univserity

Building Database Applications in PHP University of Michigan

A Beginner's Guide to Django

Avinash Jain

Java Programming Masterclass for Software Developers

Tim Buchalka

Essentials in JavaScript ES6- A fun and clear introduction

David Joseph Katz

# **EXTRA CURRICULAR ACTIVITIES**

### Core Committee Member RoboVITics

07/2018 – Present A Robotics club from VIT

Achievements/Tasks

- Designer, Web Developer
- Branded the club for A.Y 2018
- Developed Website of Cosmos360, an event by RoboVITics
- · Conducted multiple events with the team
- Conducted a workshop on C
- Working on Operating System Development as Project Lead/Engineer

# Core Committee Member

Youth Red Cross, VIT

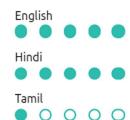
11/2018 - Present

Vellore,India

Vellore,India

"Youth Red Cross" is a student club of VIT, Vellore. It is an official body, of students, that encourages social welfare and selfless service to life.

## **LANGUAGES**



## **INTERESTS**

Running	Languages	
Non-Fictional Reading		Music

## Recommendations



#### Debopam Dey

Junior Research Fellow at Defence Research and Development Organisation (DRDO) working on information security and HPC July 18, 2018, Debopam managed Abhinav directly Abhinav was one of the members of the PR team of the organisation who looked after the marketing and design department. He basically dealt with UI/UX development of various applications and HCI of our hardware projects. In addition to that, he is a skilled designer with thorough knowledge of all the design and video editing platforms. He is punctual, dedicated and have an impeccable work ethic.