

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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📍 VIT University, Near Katpadi Road, Vellore, India

🌐 Abhinavmir.github.io

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🐙 github.com/abhinavmir

📖 medium.com/@abhinavsrivastavmir

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 Tuberculosis 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 University

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

Vellore, India

LANGUAGES

English



Hindi



Tamil



INTERESTS

Running

Languages

Non-Fictional Reading

Music

Core Committee Member Youth Red Cross, VIT

11/2018 – Present

"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.

Vellore, India

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.