

Vatsal Kandoi

Student

A college student trying to move forward in the world, and learn something about everything as he goes.

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📞 9830135260

📍 Kolkata, India

📅 01 October, 1998

🌐 github.com/vatsal-kandoi

EDUCATION

B. Tech, Electronics and Communication Engg

VIT University, Vellore

07/2017 – Present

8.8

CBSE Class XII Boards

Lakshimpat Singhania Academy, Kolkata

05/2017

93.8%

CBSE Class X Boards

Lakshimpat Singhania Academy, Kolkata

05/2015

9.8

PERSONAL PROJECTS

VITLUG Recruitment Portal - Backend

(11/2019 – 12/2019) [🔗](#)

- Recruitment portal for VITLUG where one can login and take a quiz based on the domain selected to be a part of the chapter. The evaluator checks results using this portal and shortlist students.
- Responsible for developing the API used for storing the data using Node.js and MongoDB.

Denoising ECG signal using Particle Swarm Optimisation

(10/2019 – 11/2019) [🔗](#)

- A Particle Swarm based approach to obtaining threshold and level values for discrete wavelet transform

ACM Weekend Labs - Backend (01/2019 – 02/2019) [🔗](#)

- Initiative taken by ACM VIT Student Chapter to help students hone their technical skills. This was a platform that allowed users to register for a course & attend weekly classes.
- Responsible for the development of the API server used for storing the data generated.

ACM VIT Student Chapter Recruitment Portal - Backend (12/2018 – 01/2019) [🔗](#)

- Recruitment portal for ACM VIT where one can login and take a quiz based on the domain selected to be a part of the chapter. The evaluator checks results using this portal and shortlist students.
- Responsible for developing the API used for storing the data using Node.js and MongoDB.

Voice Recognition using MATLAB

(09/2018 – 11/2018) [🔗](#)

- A simple notes application using Voice Authorization where users can register using their voice as a password. Voice Authorisation was implemented by using Mel Frequency Coefficient Cepstrum
- Responsible for creating the voice recognition script on MATLAB and integrating it with the notes application made using Node.js.

SKILLS

Python

C

Arduino

Raspberry Pi

Node.js

JavaScript

ORGANIZATIONS

VIT Linux Users Group (08/2019 – Present)

Co-founder

Team UAV, Creation's Lab (12/2018 – Present)

Avionics Head

ACM VIT Student Chapter (12/2017 – 07/2019)

Web Developer

ACHEIVEMENTS

DevJams 2019, Zeit Prize and best UI/UX (10/2019)

My team and I made a web application that filters out fake and real reviews of products listed on amazon.com.

VitHack, 1st Prize under HP Enterprise (09/2019)

VitHack is a hackathon organised as a part of Graviras, the annual techfest. My team and I made a chat bot that answers questions regarding HP Enterprise's product, HPE OneView.

HackGrid 2019, 2nd Prize (03/2019)

Hackgrid 2019 was a hackathon organized by Apple Developers Group, VIT University, Vellore where my team won the second prize for making an application that helped report incidents during elections.

MedTech Challenge, 1st Prize (01/2019)

My teams' pitch for a bionic arm got selected for a Rs 50,000/- grant by my college.

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Bengali

Limited Working Proficiency

INTERESTS

Watching, and playing football

Listening to music

Playing video games