

# Manak Pandey

Software Engineer

An enthusiastic multitasker who loves to seek out new challenges.

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## EDUCATION

### B. Tech in Computer Science and Engineering

Vellore Institute Of Technology

07/2018 - Present

Grades:

- CGPA: 9.18

### High School

Mercy Memorial School

07/2003 - 03/2018

Percentage:

- Class 10 (ICSE): 96.6%
- Class 12 (ISC): 92%

## WORK EXPERIENCE

### Software Engineer Intern

GMetri

05/2020 - 11/2020

Achievements/Tasks

- Building and deploying scalable software.
- Code high-performance programs using various frameworks.
- Optimizing the existing codebase for better performance.
- Worked with other teams for debugging.

## VOLUNTEER EXPERIENCE

VITC-MUN

Worked with the tech team to build a standalone real-time voting system.

OWASP Student Chapter

Student Outreach Program - Increased awareness among school children regarding cyber security by giving demonstrating a social engineering attack.

PALS VITC

Vice President

Trekking Club

Helped organize a cyclothon and marathon during the college fest, which included setting up the track and handling the final registration process

## SKILLS

Android

Kotlin

Java

Python

Django

Flask

Express

NodeJS

GraphQL

React

C

C++

Linux

DBMS

DSA

Docker

## PERSONAL PROJECTS

Reacmchain (05/2020 - 05/2020)

- An innovative supply chain management platform, built by harnessing the power of Blockchain.

Vote-at-mun (10/2019 - 03/2020)

- A real-time voting system for VITC-Model United Nations using GraphQL. The maximum voters supposed to vote at a given time are about 200 in number.

Menuplait (02/2020 - 02/2020)

- A web based solution for restaurants to accept dine-in orders. It gives the restaurant flexibility to change the menu on-the-go. It also helps to reduce human error while taking orders, thus increasing the satisfaction rate of the customers.

UN Sustainable Goals (01/2020 - 02/2020)

- Predicting and visualizing the principle indicators to help achieve the sustainable goals set by the United Nations. A Machine Learning model will predict the values of principle indicators with the help of the data provided by the World Bank to facilitate in making better and more effective policies.

BusStat (10/2019 - 11/2019)

- An Android app to facilitate digital payment along with providing the live location of all local buses along with their routes, with a REST API backend. If implemented in a city with 100 local buses, could save the time of around 10000+ people.

Revvit (04/2019 - 06/2019)

- An Android app for almost 6000 students of VIT to access their daily class schedule and post reviews of professors with a Firebase backend.

eMonopoly (06/2017 - 06/2017)

- A web-based banking platform on a local server for Monopoly built on Python. It replaces the use of physical currency in the game with a Monopoly bank account for each player which can be accessed from a mobile, tablet or a computer. The system supports any number of players.

## ACHIEVEMENTS

IEEE Publication

An Enhanced Data Compression Algorithm

## LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

## INTERESTS

Travel

Swimming

Trekking

Cooking