

# SATWIK SRIVASTAVA

A conscientious individual with a keen interest in exploring the intricacies of software development.

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Lucknow, Uttar Pradesh, India



## EDUCATION

Vellore Institute Of Technology

B.Tech - Computer Science Engineering

CGPA: 8.02

Sep 2020 - Ongoing

Bhopal, India

City Montessori School

Higher Secondary Education

Score: 86.2%

June 2018 - July 2020

Lucknow, India

City Montessori School

Secondary Education

Score: 85.8%

April 2016 - May 2018

Lucknow, India

## CO-CURRICULAR ACTIVITIES

GDSC- VIT Student Chapter

Community Member

Dec 2021 - Ongoing

- Taking active part in several workshops, training as a Google Developers Student Club Community member.

## PROJECTS

Product Recommendation Engine For E-Commerce

- A ML product recommendation model to provide personalized E-Commerce experiences.
- Made use of Collaborative and Content-based Filtering to provide results based on purchase history and similarity of ratings provided by other users who bought items.
- Improved the model further to provide results based on textual clustering analysis given in product description.

Face Mask Detection for Educational Institutions

- Ushered in the field of ML by learning to develop a Real-Time Face Mask detection model with Tensorflow, Keras using OpenCV, implemented using the CNN and later MobileNetV2 model.
- The project aims at ensuring post-COVID safety on integration with the biometric systems at educational institutions.

## SKILLS

Java

Data Structures and Algorithms

Python

SQL

Machine Learning Basics

MS Word, Excel and PowerPoint

Problem Resolution

Technical communication

## CERTIFICATION

Applied Machine Learning in Python  
Coursera

AWS Machine Learning Foundations  
AWS and Udacity

Fundamentals of Data Analytics  
LEAPS and Futureskills Prime

## ACCOMPLISHMENTS



Code To Contribute - GeeksforGeeks  
and GiveIndia May 2021

Contributed in giving to the society by participating in the Coding challenge.



International E-summit 2021 -  
CodeChef VIT-Bhopal May 2021

Participated in the 2-Day International E-Summit, 2021 sponsored by Blunt energy in association with CodeChef VIT-Bhopal.



TATA Imagination Challenge Sep 2021

Brushed up my critical thinking skills by participating and solving Case studies and Brand stories.



Code Drift January by InterviewBit Jan 2022

Participated in the CodeDrift 2.0 Coding marathon



XPECTO - IIT Mandi Jun 2022

Participated in Various technical events and workshops conducted by IIT Mandi