

Pratyash Shrivastava

9685848831

<https://www.linkedin.com/in/pratyash-shrivastava-a78a4b216/>

pratyash.shrivastava2021@vitstudent.ac.in

GitHub:

Pratyashshrivastava

SKILLS

Programming

Python, Java, Git, HTML, CSS, JavaScript, React JS, Typescript

Libraries

Numpy, OpenCV, Matplotlib, Pandas, Scikit-learn, TensorFlow, NLTK.

EDUCATION

Bachelor of Technology in Mechanical Engineering

2021 - 2025

Vellore Institute of Technology, Vellore, Tamil Nadu, India

Main courses: Python Programming, Engineering design and Visualizations, Java programming, Machine Drawing, Machine Learning, Artificial Intelligence.

PROJECT

SuRe-Audio

- Implemented video summarizing solutions to shorten YouTube lectures into small audio clips.
- Improved accuracy by 11 percent using **statistical inference** and eliminating filler words
- We used **TF-IDF** to get crucial parts within phases as the courses are generally organized in phases.
- To complete a sentence, we apply **CFK Parsing** and generate appropriate parts for the sentence after getting their parts of speech using our **custom Viterbi Parts of Speech**

Democratic Fund

- Developed an online platform for crowd-investing enabling users to contribute to projects they want to see through a ballot. Incorporated block-chain and smart contract using **Solidity**.
- Worked on development of the formulae for this investing procedure and front-end for the website using **HTML, CSS and JavaScript**.

PeakTime

- Implemented computer vision software that analyses peak time for store and retail shops/showrooms using store cameras. Deployed solution in real world, setting at saloon and college general shop premises to help business understand their customer base.
- Improved productivity by enabling shops determine **peak hours** and appropriately choosing different lunch hours on different days.
- Used **opencv** and improved over **pre-trained deep learning model** to increase the accuracy of the tracking module from **94** percent to **97** percent.

WORK EXPERIENCE

Internships

Software Developer Intern

May 2022 - June 2022

RevoltronX Technology Pvt. Ltd

Mumbai, Maharashtra, India

- Reciprocated a team of 4 for the creation of **SMDL** and **Portstacks**.
- Concluded the development of **stock market trend prediction model** using machine Learning and web scraping on AWS.

Backend Developer Intern

Feburary 2023 - April 2023

RevoltronX Technology Pvt. Ltd

Mumbai, Maharashtra, India

- builded the schema for Login and Developed the backend of the internal portal for the company and user interaction logic.
- Concluded the development of **UserPortal Backend** with testing in typescript and using all the apporiate design patterns.
- Used AWS Autodeploy algorithm and created multiple lambda function on AWS.