

Muskan Rastogi

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Education

JULY 2018 - PRESENT

Vellore Institute of Technology, Vellore - *B-Tech Information Technology*

MAR 2016 - MAR 2018

Birla Balika Vidyapeeth, Pilani, Rajasthan - *Inter School (XIIth) – Science*

MAR 2008 - MAR 2016

St. Mary's Convent High School, Nainital - *High School (Xth) – Science*

Work Experience

JUNE 2020 - DECEMBER 2020

SchoolEase, Roorki - *Backend Developer Intern (7 months)*

- Contributed by handling the python backend Django of a virtual school .
- Implemented OCR based recognitions and integrated APIs.
- Led a team of 4 backend engineers, delegating tasks in weekly sprints and running alternate day stand-ups.
- Interviewed 10+ prospective employees and mentored junior software developers on the team.
- Worked closely with the CEO, frontend team, and business managers to strategize product design and implementation.

FEBRUARY 2020 - APRIL 2020

Ashva Wearable Technologies, Vellore - *Backend Developer Intern (2 months)*

- Maintained, revamped and worked upon existing code.
- Worked on CRUD based REST APIs to facilitate a seamless user experience. A major challenge I had to solve was to ensure my APIs were optimised and fast.
- Created Postman documentation for all the APIs.

APRIL 2020 - JUNE 2020

Reflect Technologies, Chennai - *Frontend Developer Intern (2 months)*

- Made a website from scratch for handling all the views to the products
- Worked on different platforms like Wordpress for a different site.

Community Work

Google Developer Student Clubs, VIT Vellore (12/2018 – Present), Management Lead

CodeChef-VIT (12/2018 –09/2019), Core Committee Member

Microsoft, Lean Program Ambassador

Code Asylum(06/2020 – Present), Student Ambassador

Organized the following events:

- DevJams Hackathon 2019 - 1000+ participants
- WomenTechies 2019, women-centric hackathon - 400+ participants
- VITHack 2019 – Flagship hackathon of VIT – 1000+ participants

Projects

Handwritten Text Recognition

<https://github.com/muskanrastogi1/Handwritten-Text-Recognizer>

- This project reads an uploaded image of handwritten or printed text using image processing and converts it into machine-encoded text.
- I implemented NLTK's SpaCy library to use this text and match it with a given text to get a match percentage. This helped a faculty read long answers quicker as a part of my internship at SchoolEase.

Last MinutePPTs

<https://github.com/muskanrastogi1/LastMinutePPT>

- Project which automatically generates crucial business and leisure presentation slides based on what you say in real time. This was a project developed with my team for a hackathon.

BurgerBot

<https://github.com/muskanrastogi1/Chatbot-using-Dialogflow>

- Chatbot made using Dialogflow to have a natural human like conversation and order food online through a chatbot. This project was made as a part of my Natural Language Processing project..

Skills

Languages: Python, C/C++, JavaScript, HTML, CSS, PHP.

Databases: MySQL, PostgreSQL, MongoDB.

Technology: Server side Development, Cloud, Django, Algorithms, AWS

Management: Community Developer Relations, Event Management, Project Management

Certifications and Achievements

2021- Second Place At DEVSPACE 2021 Hackathon

My team and I worked on a project which automatically generates crucial business and leisure presentation slides based on what you say in real time.

2020- First Place At VIT Hack 2020 Hackathon

I worked on Amazon Lex and created some Python Queries to link the given database resulting in a well functioning cricket bot.

2020- Google Cloud Platform Certification Courses

Participated in 30 days Google Cloud Platform Certification Course and received goodies, swags and certificates for the same.

2019- First Place At VinHack Hackathon

My team and I created a Web Application in JavaScript and HTML providing services to the elderly, by adding a question and answering platform and integrating with ML models.

Languages

English - Fluent in writing and speaking, and

Hindi - Mother Tongue