

Muskan Vaswan

Email: muskanvaswan@gmail.com

GitHub: <https://github.com/muskanvaswan>

LinkedIn: www.linkedin.com/in/muskanvaswan

EXPERIENCE

PolyStarter: A Crypto Accelerator — Lead Web Developer

June 2021 - PRESENT, Part-Time

My role at this company is to oversee the development of the staking apps required for the company's accelerator and build various websites and their structures in **React.js** as well as integrating it with the blockchain technologies.

Link: <https://www.polystarter.net>

Natural Coders – Django Intern

October 2020 - December 2020

During my tenure, I was tasked with integrating several payment gateways and implementing an MLM structure for education platforms in **Django**. I built various developers facing RESTFUL APIs with **Django Rest Framework** and was directly involved in handling the structuring of the Database.

CERTIFICATES AND TRAINING

WE TechMakers Google, TalentSpirit Training

June 2021 - PRESENT,

Professor: Asokan Pichai (Technical Advancement); Vatsala, Kunisha (Business Communication)

Description: Qualified in the top 200 among 30,000 candidates that applied for this two-year training program and awarded a 50% scholarship reserved for only 200 students. The program focuses on developing students' technical and professional skills and bridging the gap between college and industrial requirements. The training is conducted with real-world projects and industry experts.

CS50W, Web Development with Python and JavaScript (2020) HarvardX University

Professor: Brian Yu, Gordon McKay Professor: David J. Malan

Description: This course went into depth with web development in python, focusing on Django and making frontends with JavaScript and Bootstrap. It also maintained a steady focus on Version control throughout all the required project submissions. Concepts like CI/CD, containerisation, Unit Testing were crucial learning outcomes of the course.

EDUCATION

Bennett University, Greater Noida — Bachelor's In Technology, Computer Science

Oct 2020 - May 2024

Current CGPA - 9.27

Specialisation Courses in Data Science

Delhi Public School — High School Diploma

2018 - 2020

12th CBSE - 96.5% ; 10th CBSE - 95.6%

PROJECTS

Sorting Visualizer

<https://muskanvaswan.github.io/SortingVisualizer/>

Technology: React.js

Description: One of my very first projects in the process of learning React.js. The project visualises various sorting algorithms. The visualisation takes place by manipulating the array's directly from the state, removing the luxury of being able to make temporary arrays and having to manipulate indices to manipulate directly.

The CSI Website

<http://csi-bu.tech/>

Technology: React.js, Material UI, AWS

Description: I developed the entire website in React.js, replacing the previous website which I had built with another teammate in vanilla Javascript a year earlier.

Recognific

[GitHub](#), [Video Presentation](#)

Technology: Django, OpenCV, Face Recognition: Python, JavaScript

Role: Project Lead. Single-Handedly made the backend in Django and implemented face recognition using OpenCV.

Description: The project automates and smoothenes the mundane task of taking attendance using web-based facial recognition. It involves an interface for both teacher and student and easy data handling. The major challenge in this project was performing facial recognition while still streaming real-time video and manipulating frames at the same time.

Salve

[GitHub](#), [Video Presentation](#)

Technology: Next.js, Material Ui, Tailwind CSS, Django Channels

Role: Both team members were involved in all parts of the projects on various pages. Being a chat room that uses WebSockets to allow real-time messages, I found myself learning how to use sockets in both Django and React.js

Description: It was built as a virtual support group for rape victims.

SKILLS

Django | React | React Native | Django Rest Framework | Scala | Python | Next.js | Material UI | Bootstrap | Tailwind CSS | HTML | JavaScript | CSS | Flask

Public Speaking | People Management | Communicative | Problem Solving | Project Organisation

OTHER PROFESSIONAL ACTIVITY

Technical (Oct 2020-21), Vice President (PRESENT)

Computer Society of India, Bennett University Student Chapter