

RUSHI PATEL

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 **Ottawa, Canada**

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EXPERIENCE

Software Developer Intern

HPC Sphere (6 Months: Feb 2021 - July 2021)

Worked on developing a web trading platform using Laravel & Vue.js. Solved many challenging problems like dynamic referral tree generation from db values, back-end API setup, front-end API calls using Vue.js, login & register system and many more.

Python Developer Intern

Rlogical Techsoft (2 Months: April 2020 - May 2020)

Worked as full stack python developer on a software for detecting plagiarism. Technologies: PYQT5 for front-end and Python 3.8 for back-end.

Software Developer Intern

Ellipsis InfoTech (2.5 Months: May 2019 - July 2019)

Added new features to their e-governance software, optimised the back-end code, improved UI & UX, solved bugs; and came up with improved and upgraded e-governance version 2.0

EDUCATION

University of Ottawa

**MEng. Entrepreneurial Engineering Design
2021 - Present**

Charusat University

**BE. Computer Science and Engineering
2017 - 2021**
GPA: 9.26 / 10

Delhi Public School, Bopal

Higher Secondary, 2015 - 2017
Major : Science + Computers
Percentage: 92 %

PUBLICATION

A paper on “**Smart Garbage Segregation System using IOT**” is published in **ASIAN JOURNAL FOR CONVERGENCE IN TECHNOLOGY (AJCT)**.

[Publication Link](#)

SKILLS

- C++ , C , Java, C#, Python, PYQT5, SQL
- Laravel & Vue.js, CSS, HTML, BOOTSTRAP
- AWS, Git Version Control
- Microcontroller : Arduino, ESP32

POSITION OF RESPONSIBILITY

- **Core Committee member of Entrepreneurship and Communication Club.**
- **Coordinator of Computer Society of India (CSI)**

COURSES

- NPTEL - Programming In C++
- NPTEL - Programming In Java
- NPTEL - Introduction To Programming In C
- NPTEL - Modern Application Development

PROJECTS

Sharebytes : File Backup and Sharing Software

C# and Google Cloud Platform.

Desktop application for students to take backup of their important files from College PCs and can be shared with their friends as well.

[Video Link](#)

[Github Link](#)

Plagiarism Checker : Desktop Application

Python 3.8 and QT 5 for UI.

Extension of my internship work of a software for professors to check plagiarism in work submitted by students.

[Video Link](#)

[Github Link](#)

Disease Prediction

Flask, Python, ML, HTML, CSS, JS

Enter the symptoms and get the predicted disease you have. Entered Symptoms on Web App is passed to trained ML model via Flask, and predicted results is sent via Flask to Web App.

[Video Link](#)

[Github Link](#)

Face Recognition based Attendance System : ML

Python, OpenCV, TensorFlow, Keras, Numpy.

Collecting student face images, training ML model , recognising faces of student in the class using CNN and marking attendance

[Github Link](#)

Smart Dustbin (IoT)

Arduino, Humidity Sensor, Ultrasonic Sensor, Motors
It segregates wet and dry waste based on humidity in waste

[Video & Image Link of Prototype](#)

Foodie : Online Food Ordering Web Application

HTML, PHP, CSS, BOOTSTRAPS, JS, APIs.

[Website Link](#)