RUSHI PATEL

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EDUCATION

University of Ottawa

MEng. Computer Engineering with AI
2021 - Present

Charusat University

BTech. Information Technology,
2017 - 2021

Delhi Public School, Bopal

Higher Secondary, 2015 - 2017
Secondary School, 2013-2015

Major : Science + Computers

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 Entrepren-eurship 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

EXPERIENCE

Software Engineer Intern

HPC Sphere Pvt. Ltd. (Feb 2021 - Jun 2021)
Worked as a full-stack developer in Laravel & Vue.js. and on bug resolution & enhancement in an shopware-hubspot plugin.

Python Developer Intern

Rlogical Techsoft Pvt. Ltd. (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.

C# Software Developer Intern

Ellipsis InfoTech (May 2019 - July 2019)

Added new features (Performance, Appraisal calculator, Leave Application, Feedback & Access Rights) 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

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