

# HARSHIT GAUR

New Delhi, India

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## EDUCATION

### Bharati Vidyapeeth's College Of Engineering

*Bachelor of Technology (Computer Science Engineering)*

CGPA : 7

Aug. 2018 – Aug. 2022

*New Delhi, India*

### Maharaja Agarsain Public School

*Senior Secondary - 72%*

*Secondary - 95%*

Mar. 2017 – Apr. 2018

*New Delhi, India*

## TRAINING AND INTERNSHIPS

### Tata Consultancy Services ☞

May 2020 – August 2020

*Summer Project Intern*

*New Delhi, Delhi*

- Developed a machine learning model to automate the identification and extraction of different emotions from text based sentences. It helps in analysing the public data and design products accordingly.
- Implemented using NLTK, Sklearn, Numpy, Re, Pandas and TextBlob. The problem set was provided by a mentor at TCS. Twitter dataset was used to train the model and two algorithms, LSTM and SGD classifier were implemented for model creation.
- The model was tested with different Tf-idf approaches as well in order to sustain the accuracy of the model. The project was submitted to the mentor for evaluation and passed successfully.

### ByteDance, Ltd.

December 2019 – February 2020

*Subject Matter Expert*

*New Delhi, Delhi*

- Appointed as Subject Matter Expert under the company's Educational Division for the development of new learning platform.
- My responsibilities was to create educational video content related to computer science and mathematics subject for the platform and write the documentation for the same.
- Handled the quality checks(QC) for each day content and managed content streams for the final deployment.

## PROJECTS

### Expert System For Breast Cancer Detection ☞ | *Python, Tkinter, Fuzzy Logic Toolbox*

Nov 2020

- Implemented an Expert System for detection of Breast Cancer based on a knowledge based system.
- Used WBCD dataset and implemented the rule base of the system using Decision tree.
- Designed a user-friendly interface using Python Tkinter package.

### Minimalist Portfolio (Flutter for Web) ☞ | *Dart, Flutter, Android Studio, JavaScript*

November 2020

- Developed a personal portfolio for professional use designed using Flutter UI and Dart. It is minimalist and simple with dark mode enabled. The project is a working demonstration of Flutter for Web
- Deployed using Github Pages, the single page app is divided into two sections and designed to give a look of a business card. Flutter for web framework beta was used to create the flutter app as a website.

### MedAssist - Your health advisor ☞ | *JavaScript, HTML/CSS, API*

October 2020

- Designed a simple web application with an integrated chatbot which helps in seeking medical advice and assistance in case of emergencies.
- Functionalities added to book an appointment with a doctor(Practo), prescribes basic medicines for common ailments like stomach ache, headache, etc., COVID19 assistance and ambulance services
- Implemented using Snatchbot NLP API with HTML frontend and Javascript used for authentication and connection routes.

## TECHNICAL SKILLS

**Languages:** C++, Python, C, JavaScript, MySQL

**Technologies/Frameworks:** Linux, Git, Django, MongoDB

## Leadership / Extracurricular

### BVPIEEE - IEEE Section Delhi

May 2019 - December 2021

*Vice President IAS Chapter, Head of Corporate Affairs and Business Development* ☞

- Managed a team for managing the societies' activities regarding workshops, hackathons, events and recruitment.
- Led chapter of 10 members to work towards goals that improve and promote community service, academics, and unity.

### 4 Star Rated Programmer at CodeChef

Present

*C++*

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