


# Omkar Dnyaneshwar Deshmukh

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## EDUCATION

**Bachelor of Technology**  
VIT University, Bhopal

### Computer Science & Engineering

Expected: 2022

**Core Courses completed:** Algorithms, Data Structures, O.S., DBMS, Computer Networks, Probability, Discrete Mathematics

**Semesters Completed:** 4 | CGPA (Upto 4th Semester) :8.2

## PROJECTS

### Locate.IO

### Interactive Discovery Food and Cinema Map

Mar, 2017 - Dec, 2017

- Designed and developed an extensive **Java** based search and discovery application for food and movie locations spanning the entire city of Bhopal, for the AISCCE Practical Based Examinations.
- Used **MySQL** databases to actively store and retrieve user information along with specific location data to be used in conjunction with dynamic swing controls in **Java NetBeans**.
- Utilised **Adobe Photoshop** extensively to design GUI elements for the front end interface of the application.
- Developed unique methods that enabled the user to actively update personal data including Usernames and Passwords after password verification from within the application.
- Created an account deletion function, which could be used to permanently delete the user's account after password verification from within the application

### Sentiment Analysis Model

### Basic +/- NLP for customer reviews

Aug, 2019 - Sept, 2019

- Created a Sentiment Analysis model using **NLP** which accepts Reviews from user to display whether the sentiment is 'Positive' or 'Negative'.
- Applied **GaussianNB** along with **Restaurant Dataset** for training the model.
- Exported the trained model, using **Pickle**, avoiding re-training for every session.
- Implemented the website using **Flask** for performing the analysis.
- Created a POC website using **HTML, CSS and Bootstrap**.
- Configured **Heroku** to deploy the website.

### Eat Up

### Mess Menu Web Application

Apr, 2020 - May, 2020

- Final Project Submission for Harvard's CS50x.
- Front-end: **HTML, CSS & JavaScript**.
- Incorporated the **Twitter Bootstrap Framework**.
- Back-end: **Flask and SQLite3**
- Focussed on JS for a friendly and responsive UX.

## SKILLS

**Programming Languages:** Python, HTML, CSS, JavaScript, Java, MySQL

**Tools & Frameworks:** Git, Flask, Heroku

**Design:** Adobe Photoshop

## CERTIFICATIONS

- CS50: Introduction to Computer Science
- GitHub Ultimate: Master Git & GitHub
- Marketing Management
- Introduction to Cybersecurity
- Cybersecurity Essentials
- Ethical Hacking Training