

# VAIDEHI DILIP CHAUDHARI

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## EDUCATION

**New York University, New York City** - Master's in Computer Engineering  
**MGM CET, University of Mumbai** - Bachelor's of Engineering, Computer

May 2023  
Oct 2020

## SKILLS

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

**Databases, OS and Libraries:** Oracle SQL, PostgreSQL, DynamoDB, Windows, Linux, AWS services, NumPy, TensorFlow, pandas, Keras, psycpg2

## TECHNICAL PROJECTS

**Safe Fly Management Excellence (Python (streamlit module), PostgreSQL)**

Dec 2021

- Developed a system that allows the customer to fill up flight details, purchase insurance plans, generates invoice receipt.
- Implemented PostgreSQL database adapter for the Python is done by psycpg2 module.
- It has special features like protection against SQL Injection and DOS attacks.

**Dining Breeze Bot Cloud (AWS S3, AWS Lex, DynamoDB, SNS)**

Nov 2021

- Created a serverless, micro service-driven web application chatbot which uses AWS cloud services to provide restaurant recommendations to the users based on the preferences provided to it through conversations.
- Extracted data using Yelp-API and stored in DynamoDB to provide suggestions and real-time chat.

**PsyBot (Python, NLTK(NLP), Keras, TensorFlow)**

Feb 2019

- Created a PsyBot, chatbot application using python and NLTK modules. It uses NLP algorithm that answers all the queries and information related to Psychology.

**SMS Predator (Android Studio)**

Jun 2017

- Created an app that retrieves contact details, unread messages, missed calls from another phone using a simple password protected key without the need of internet.

## LEADERSHIP EXPERIENCE / EXTRACURRICULAR ACTIVITIES

**Graduate Teaching Assistant (Database Systems, New York University)**

Jan 2022-  
Present

- Consulting with Professor on course structure, facilitating class with the strength of 100 students, resolving student grievances while delivering constructive performance based feedback.

**Chief Co-Ordinator| MGM CET, University of Mumbai**

Aug 2019

- Managed a team of 100+ students for Intra-college hackathon Mar 2019 Mangalam'19
- Strategized a marketing plan of the sponsor program.

**Paws Asia NGO**

May 2019

- Volunteered in rescuing abandoned animals and providing Aug 2019-Jul 2021 required treatments.
- Supplied water, food, and personal care to detained animal.
- Organized and managed the recruitment of volunteers for Animal Shelter.

## PROFESSIONAL TRAINING

**Oracle Database 12c Administration Course (Aptech Ltd.)**

Sep 2018

- Created and managed Oracle database Instance, Create and manage users, manage SQL queries.
- Designed data model using Oracle SQL Developer Data Modeler.
- Implemented Data concurrency, data back up and recovery.

## AWARDS

- Awarded Silver Medal for being the second academic topper of the computer department for sophomore and junior year of undergraduate.
- Awarded First Position at district level swimming championship held by Navi Mumbai Sports Association.

May 2020  
Apr 2016