

# 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, PHP, Nodejs  
**Databases and OS :** MySQL, PostgreSQL, DynamoDB, Windows, Linux, AWS services.

## TECHNICAL PROJECTS

### Multi-Hospital Management System (PHP, CSS, MYSQL, Nodejs)

Dec 2021

- Developed a real-time web based hospital management system using PHP, CSS and MySQL database with security features like SQL Injection and User Authentication.
- Achieved efficiency by reducing the turnaround time by **12%** using **3NF Normalized** queries and **Query Optimization**.
- Standardized **ETL processes** and tools to automate data extraction and manual reporting.

### 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 chatbot application in Python using a Naive Bayesian algorithm that understands, analyze and prioritize the questions according to the complexities of the query and responds to the queries related to Mental Health and Psychology faster than a human being.
- Achieved the accuracy of the model by 86% using Naive Bayes classifier, which is better than Decision tree classifier

### SMS Predator (Android Studio, Java)

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