

VAIDEHI DILIP CHAUDHARI



[vaidehi-chaudhari.github.io](https://github.com/vaidehi-chaudhari)



[Linked In](#)



vdc2009@nyu.edu



[github-vaidehi](#)



+1(929)584-0860

EDUCATION

New York University, New York City

May 2023

M.S in Computer Engineering | **GPA: 3.67**

Coursework: Computer Network, Data Structures, Principles of Databases, Machine Learning, Cloud Computing.

MGM CET, University of Mumbai

Oct 2020

B.E in Computer Engineering

Coursework: Artificial Intelligence, Discrete Mathematics, Big Data Analytics, Object Oriented Programming.

SKILLS

Programming Languages: Python, C, Java, HTML, CSS, JavaScript, PHP, Nodejs

Databases and OS : MySQL, PostgreSQL, DynamoDB, Windows, Linux, AWS services

Libraries: NumPy, Matplotlib, pandas, TensorFlow, NLTK

WORK EXPERIENCE

Information Technology Summer Intern | RICOH USA

Jun 2022 - Aug 2022

- Improvised Carbonite tool by creating a Unix script which helped to reduce the EOL migration time from cloud and virtual environment to near-zero downtime.
- Automated the process of Re-imaging with the help of cloud deployment.
- Successfully deployed the services over 8 organizations impacting more than 5000 customers.

Graduate Teaching Assistant | New York University

Jan 2022 - May 2022

- Assisting the Professor on lecture content, facilitating class discussions, solving difficulties, and resolving student grievances while delivering constructive performance-based feedback.
- Managing office hours for the Professor and grading weekly tasks having class strength of 100 students.

TECHNICAL PROJECTS

Multi-Hospital Management System (PHP, CSS, MYSQL, AWS S3)

May 2022

- Developed a real-time web based hospital management system using PHP, CSS and MySQL database and achieved efficiency by reducing the turnaround time by **12%** using 3NF Normalized queries and Query Optimization.
- Standardized **ETL** processes and AWS open data to automate data extraction, cleaning the data, transformation, loading, and implemented data visualization using Tableau.

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

Dec 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)

Oct 2020

- Created a chatbot application in Python by improvising 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.
- Achieved **86%** accuracy by using Naive Bayes classifier, which is better than Decision tree classifier.

SMS Predator (Android Studio, Java)

Feb 2019

- 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 ACTIVITIES

Chief Co-Ordinator| MGM CET, University of Mumbai

Aug 2019

- Managed a team of 100+ students for Intra-college hackathon Mangalam'19.
- Strategized a marketing plan of the sponsor program worth \$7500.

Volunteer, Paws Asia NGO

May 2019

- Volunteered in rescuing abandoned animals, providing required treatments and supplied water, food, and personal care to detained animals.