VAIDEHI DILIP CHAUDHARI

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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.

MGMCET, 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

Summer IT Intern | RICOH USA — Jun 2022 - Aug 2022
- Improvised Carbonite tool by creating a Unix script which helped to reduce the EOL migration from cloud and virtual environment to near-zero downtime.
- Successfully deployed in over 8 organizations impacting more than 5000 customers.

Graduate Teaching Assistant | New York University — Jan 2022 - May 2022
- Consulting with 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, transformation, loading and manual reporting 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 classifer, 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| MGMCET, 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.
- Organized and managed the recruitment of volunteers for Animal Shelter.