

VAIDEHI DILIP CHAUDHARI



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EDUCATION

New York University, New York City, USA
M.S in Computer Engineering | **GPA: 3.8**

May 2023

MGM CET, University of Mumbai, Maharashtra, India
B.E in Computer Engineering | **GPA: 3.5**

Oct 2020

SKILLS

Programming Languages: Java, Python, JavaScript, C, PHP, Node.js

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

Tools: SailPoint IdentityIQ, AWS S3, Postman, Git, Tableau, Snowflake

WORK EXPERIENCE

Software Engineer | Prudential Financial - Newark, NJ

Jun 2023 - Present

- Designed and implemented Java-based workflows and custom rules in SailPoint IdentityIQ to bypass manual approvals for role management plugin, saving 15 hours of build time per week.
- Successfully integrated 10+ applications (Web services, JDBC, Salesforce) through REST API and AUTH protocols, while adhering to IAM policies leveraging custom connectors for streamlined communication and data integrity.
- Engineered QuickLink feature enabling swift ownership transfer for Active Directory roles, resulting in a 25% reduction in administrative overhead.

Information Technology Intern | RICOH USA - New York City

Jun 2022 - Aug 2022

- Improved Carbonite tool by writing 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 Azure cloud deployment.
- Integrated the services 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

Data-Driven Sales Analysis(MySQL, AWS S3, Snowflake, Tableau)

May 2022

- Centralized unstructured sales and return data into a single data warehouse in MySQL using ETL tool Oracle Data Modeler, ensuring consistency and accuracy and achieved efficiency by reducing the turnaround time by 12% using 3NF Normalized queries and Query Optimization.
- Standardized ETL processes to extract data from AWS S3 bucket, followed by cleaning, transformation, and loading into Snowflake and integrated it with Tableau for insightful visualizations and dashboards.

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.