Vidisha Vijay Sawant

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TECHNICAL SKILLS & COMPETENCIES

Programming languages:	Python, Java, Kotlin, TypeScript
Database:	NoSQL, MongoDB, MySQL, Oracle RDBMS, Firebase
Web Development:	Angular, React, HTML5, CSS3, JavaScript, Bootstrap, React Native, Node.js
UI/UX Design:	Figma, Sketch, Canva
Cloud Computing:	AWS, Google Cloud Platform, Microsoft Azure
Tools:	Git, GitHub, VScode, Eclipse, Android Studio, Jenkins, Jira, Trello

EDUCATION

M.S in Computer Science   **Pace University | GPA:** 3.70/4.0   *September 2021 – May 2023*
- Coursework: Algorithm, Mobile and Web Development, DBMS, Introduction to UX Design, Human-Computer Interaction

B.S in Information Technology   **University of Mumbai** | **GPA**: 6.63/10   *July 2016 - June 2019*
- Coursework: Software Engineering, Core Java, Web Programming, Data Structures, Artificial Intelligence

ACADEMIC PROJECTS

EasyWay   *September 2022 - May 2023*

Platforms/Language: Angular JS, Node JS, Golang, MySQL, Figma, Cucumber
- Implemented Agile methodologies to develop a comprehensive web application that consolidates 10+ utility services such as beauty, electrical maintenance, home cleaning, and pest control resulting in a 50% increase in user engagement.
- Created an intuitive interface that allows end-users to effortlessly select preferred service, book appointments, pay charges, provide feedback, and easily maintain booked services in one centralized location.
- Managed a team of 6 members, and conducted rigorous testing and validation to ensure a reliable and user-friendly platform, resulting in a 25% reduction in technical issues reported by users.

Daily You   *January 2022 - May 2022*

Platforms/Language: React Native, Google Firebase, Visual Studio Code, Expo, Figma
- Spearheaded the development and implementation of a multi-functional application featuring modules for To-Do lists, Notes, Music, Clock, and Self-Care.
- Created a functional prototype of the application using Figma, a customized logo utilizing Canva, and maintained, synchronized updates using Visual Studio Code and GitHub.
- Developed, validated, and tested the application, ensuring optimal performance and user experience.

NYC Taxi Trip   *January 2022 - May 2022*

Platforms/Language: Python, Google Colab
- Leveraged Google Colab Notebook to analyze and map 15,000 NYC Taxi Trip data points for 2021.
- Implemented detailed data analysis by utilizing Python libraries such as NumPy, Pandas, and Matplotlib, comparing and visualizing two distinct dataset. Organized files in Google Drive for streamlined accessibility and syncing.
- Developed efficient data management processes by creating packages and visualizing structured and unstructured data, leading to a 60% increase in productivity.

Friendly Car Dealership   *January 2022 - May 2022*

Platforms/Language: SQL, Oracle Database 18c Express Edition, Microsoft Visio
- Assessed and stored data on 20 cars, 20 customers, 5 salespersons, and the sales, utilizing data management practices.
- Designed and created a comprehensive database consisting of 25 tables, and managed, and organized data dictionaries to ensure optimal data structure and accessibility.
- Executed over 600 SQL queries using SQL Plus, enabling efficient data retrieval and analysis for the organization.

Big Query and Data Warehousing   *September 2021 - December 2021*

Platforms/Language: AWS, PuTTY, WinSCP, SQL
- Implemented Apache Hadoop and SQL queries to create a data warehouse utilizing flight data from the year 2000.
- Managed and analyzed the data using AWS EC2 and EMR services and connected the cloud to Localhost for optimal performance and accessibility.
- Maintained, analyzed, and sorted a vast dataset of 1 million flight records, ensuring accurate and reliable data management.

Mumbai Tour   *June 2018 – April 2019*

Platform/ Language: Android Studio, Java, PHP, MySQL
- Developed an Android application that provides information on 25 tourist attraction locations in Mumbai enabling users to access and explore the city's top destinations.
- Conducted thorough testing and validation to ensure the application is reliable and user-friendly.
- Included feedback features for continuous improvement of the user experience.