Vidisha Vijay Sawant

San Jose, CA 95134 | vidishasawantv@gmail.com |Mo. 551-358-1392 | GitHub | LinkedIn

OBJECTIVE: To utilize my experience in the field of Software Engineering, achieving growth both personally and professionally.

TECHNICAL SKILLS & COMPETENCIES

Programming Languages:	Python, Java, C++, Kotlin, TypeScript, Golang
Database:	MySQL, NoSQL, MongoDB, Oracle RDBMS, Google Firebase
Web Development:	React, React Native, HTML5, CSS3, JavaScript, Angular, Node.js, RESTful APIs
UI/UX Design:	Figma, Sketch, Canva
Cloud Computing:	AWS, Google Cloud Platform, Microsoft Azure
Tools:	Git, Visual Studio, Eclipse, Android Studio, Jenkins, Jira, Cucumber, Cypress

EDUCATION

M.S - Computer Science　　　　　　Pace University | **(GPA: 3.73/4.0)**　　　　　*Fall 2021 – Spring 2023*
- Coursework: Data Structure and Algorithm, Mobile and Web Development, DBMS, Human-Computer Interaction

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

PROFESSIONAL EXPERIENCE

Web Application Developer Intern – WelSpot Inc, FL　　　　　　　　　　　*July 2023 – Present*

　Platform/Languages: React, Python, Google Firebase, TypeScript, Bootstrap
- Design and develop a community platform where people can join groups, read blogs, and know more.
- Develop the module such that people can switch between the main user account and the community account using a single login.
- Work on module functionality using backend technologies.
- Extract data efficiently by performing Machine learning methods on multiple large data.

ACADEMIC PROJECTS

EasyWay: Web Application for Home Utility Services　　　**Project URL: GitHub-EasyWay**　　*Fall 2022 – Spring 2023*

　Platforms/Language: Angular JS, Machine Learning, Visual Studio
- Implemented Agile methodology to develop a comprehensive web application for 10+ Home utility services.
- Implemented Object Detection Model using Flask, Python, and CNN which was able to detect 70+ items in a single frame.
- Managed a team of 6 members and conducted rigorous testing and validation to ensure a reliable and user-friendly platform.
- Our web application was successfully delivered and resulted in a 50% increase in user engagement.

Daily You: Multi-Functional Web Application　　　　**Project URL: GitHub-DailyYou**　　　　*Spring 2022*

　Platforms/Language: React Native, Visual Studio, Expo,
- Developed a multi-functional application featuring modules like To-Do lists, Notes, Music, Clock, and Self-Care.
- Created a functional prototype of the application using Figma, a customized logo utilizing Canva.
- Successfully built a Web Application that was perfectly synced and up-to-date and also easily accessible.
- Developed, validated, and tested the application, ensuring optimal performance and user experience.

NYC Taxi Trip　　　　　　　　　　　　**Project URL: GitHub-NYCTaxiTrip**　　　　　*Spring 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 and data manipulation by utilizing Python libraries such as NumPy, Pandas, and Matplotlib.
- Developed efficient data management processes by creating packages and visualizing structured and unstructured data.
- We successfully compared and visualized two distinct datasets, leading to a 60% increase in productivity.

Friendly Car: Database Management for Car Dealership　　　**Project URL: GitHub-FriendlyCarDealership**　　*Spring 2022*

　Platforms/Language: SQL, Oracle Database
- Assessed and stored car dealership data in Oracle Database for multiple cars, customers, salespersons, and sales.
- Designed a comprehensive database consisting of multiple tables, using data dictionaries to ensure optimal accessibility.
- Executed over 600 SQL queries using SQL Plus, enabling efficient data retrieval and analysis for the organization.

Big Query and Data Warehousing　　　　　　**Project URL: GitHub-DataWarehousing**　　　　*Fall 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.
- Analyzed the data using AWS EC2, EMR services and connected the cloud to Localhost for optimal performance and accessibility.

CERTIFICATIONS

Software Engineering Virtual Experience – JPMorgan Chase & Co.　　　　　　　　*June 2020*