

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: Java, Python, 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 – WelSpot Inc, FL July 2023 – Present

Platform/Languages: React, TypeScript, Bootstrap, SASS, SQL, Python, Google Firebase, Figma

- Designed a healthcare and loan portal, boosting user engagement by 40% with a user-friendly interface.
- Implemented a community platform, increasing site traffic by 30% through group interactions and resource access.
- Developed a module enabling seamless user account switching, reducing login errors by 25%.
- Utilized database expertise and web development principles to enhance data storage and retrieval for a user-friendly web application.

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.

CERTIFICATIONS

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

- Established financial data feeds by using JP Morgan Chase & Co. frameworks and tools increasing the data accuracy by 95%.
- Developed front-end web applications using HTML, CSS, JavaScript, and Node.js to improve user experience.
- Created visually appealing data visualizations with Perspective library, improving data comprehension by 70% for stakeholders.