Vidisha Vijay Sawant

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TECHNICAL SKILLS & COMPETENCIES

Programming Languages:	Java, Python, C#, JavaScript, TypeScript
Database:	MySQL, NoSQL, MongoDB
Front-End Development:	React, React Native, HTML5, CSS3, Angular
Back-End Development:	Node.js, RESTful APIs, Spring, Express.js, Vue.js
UI/UX Design:	Figma, Sketch, Marvel, POP, Miro, Qualtrics, Heuristic Analysis, Design System
Cloud Computing:	AWS, Google Cloud Platform, Microsoft Azure
DevOps and CI/CD:	Docker, Jenkins, Kubernetes
Application Servers:	Apache Tomcat
Testing and Automation:	JUnit, Selenium, Postman

EDUCATION

M.S - Computer Science   Pace University | **(GPA: 3.73/4.0)**   *September 2021 – May 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, Python Programming, IoT

PROFESSIONAL EXPERIENCE

Full Stack Developer – WelSpot Inc, FL   *July 2023 – Present*

Platform/Languages: React, TypeScript, Bootstrap, SCSS, T-SQL, AWS RDS, EC2, Node.js, Figma, Material UI, Git
* Designed and developed new features and created a form to interact with HTTP request methods from the path parameters of the WelSpot API, allowing users to retrieve JSON response files.
* Developed user login interfaces for various user roles, while optimizing site performance through the creation of reusable components with advanced features and CRUD operations.
* Designed and implemented a fully automated CI/CD pipeline, reducing deployment time by 50% and increasing deployment frequency by 75%.
* Increased user satisfaction by 20% by collaborating with the team to design the brand identity and developing the overall interface of the API request page, team landing, and other pages on Figma.

ACADEMIC PROJECTS

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

Platforms/Language: Agile Development, Angular JS, Machine Learning, Visual Studio, Git, Jira, Cucumber, Cypress
* 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.
* Delivered the web application, resulting in a 50% increase in user engagement.

Hope: Volunteering Website   Project URL: **GitHub-Hope**   *September 2022 – December 2022*

Platform/Languages: Figma, Jobs to be done + Personas, and Research Questions
* Led a team of 5 to design a non-profit volunteering website, ensuring seamless and effective communication of design goals.
* Utilized UX methodologies to create low and high-fidelity prototypes, built the sitemap to provide a clear overview of the site's structure and content, and conducted usability tests to analyze possible design solutions for 2 distinct user groups.
* Implemented usability research through interviews, refining the website's user experience iteratively and contributing to increasing overall engagement and satisfaction with the volunteering platform.

Daily You: Multi-Functional Web Application   Project URL: **GitHub-DailyYou**   *January 2022 – May 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.
* Ensured the application was perfectly synchronized, up-to-date, and easily accessible for users.
* Developed, validated, and tested the application, ensuring optimal performance and user experience.

Friendly Car: Database Management for Car Dealership   Project URL: **GitHub-FriendlyCar**   *January 2022 – May 2022*

Platforms/Language: SQL, Oracle Database
* Assessed and managed car dealership data in a Database, including details of multiple cars, customers, salespersons, and sales.
* Designed a comprehensive database structure with multiple tables, employing data dictionaries for optimal data accessibility.
* Executed over 600 SQL queries using SQL Plus, enabling efficient data retrieval and analysis for the organization.