

Vidisha Vijay Sawant

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TECHNICAL SKILLS & COMPETENCIES

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|-------------------------------|---|
| Programming Languages: | Java, Python, C#, JavaScript, TypeScript |
| Database: | MySQL, MongoDB, Microsoft SQL Server |
| Front-End Development: | React, HTML, CSS, Bootstrap AngularJS, jQuery |
| Back-End Development: | Node.js, RESTful APIs, Spring, .NET Framework |
| Cloud Computing: | AWS, Google Cloud Platform, Firebase |
| DevOps and CI/CD: | Docker, Jenkins, Kubernetes |

EDUCATION

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| Master of Science in Computer Science | Pace University GPA: 3.73/4.0 | September 2021 - May 2023 |
| <ul style="list-style-type: none">Coursework: Algorithm and Computing Theory, Mobile and Web Development, Database Management System, UI/UX | | |
| Bachelor of Science in Information Technology | University of Mumbai GPA: 6.63/10 | July 2016 - June 2019 |
| <ul style="list-style-type: none">Coursework: Software Engineering, Core Java, Data Structure, Artificial Intelligence, Python Programming, IoT | | |

WORK EXPERIENCE

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| Software Engineer - WelSpot Inc, CA | July 2023 - Present |
| Platform/Languages: React, TypeScript, Bootstrap, SCSS, T-SQL, AWS RDS, EC2, Node.js, Figma, Material UI, Postman | |
| <ul style="list-style-type: none">Developed a user-friendly healthcare loan portal with new functionalities integrating the WelSpot API endpoints.Developed comprehensive CRUD operations for efficient data management, streamlining JSON response retrieval data.Implemented code reusability by creating reusable components, resulting in increased deployment efficiency by 20% through a streamlined CI/CD pipeline.Utilized database skills to optimize backend operations, resulting in improving overall system stability and response time by 25%.Improved UI and functionalities, resulting in a 40% boost in user satisfaction and a 30% reduction in onboarding time. | |

ACADEMIC PROJECTS

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|---|--|---------------------------------------|
| 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 | | |
| <ul style="list-style-type: none">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, Marvel, POP, Miro, Qualtrics, Heuristic Analysis, Design System, Research Questions, Personas | | |
| <ul style="list-style-type: none">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 prototypes, sitemaps and conducted usability tests to analyze possible design solutions for 2 distinct user groups.Interviewed users for usability research, refining the website's user experience, overall engagement, and satisfaction. | | |
| Daily You: Multi-Functional Web Application | Project URL: GitHub-DailyYou | January 2022 – May 2022 |
| Platforms/Language: React Native, Visual Studio, Expo | | |
| <ul style="list-style-type: none">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 | | |
| <ul style="list-style-type: none">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. | | |