

## Rutuja Vijay Dukhande

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### EDUCATION

<b>University of Texas at Arlington</b> Master of Science in Computer Science	May 2023 GPA: 3.83
<b>University of Mumbai, India</b> Bachelor of Engineering in Computer Engineering	May 2019 7.81/10.00

### TECHNICAL SKILLS

Languages:	HTML5, CSS, JavaScript, React, React Native, Node.js, Python, PHP, SQL, NoSQL
Frameworks:	Express.js, Angular JS, Flask, Bootstrap
Tools:	Git, GitHub, Visual Studio, JIRA, ServiceNow, Veeva Systems, Salesforce, Postman

### PROFESSIONAL EXPERIENCE

<b>Data Science and Graduate Teaching Assistant</b> <i>University of Texas at Arlington – Arlington, TX</i>	August 2022 – May 2023
<ul style="list-style-type: none"><li>Improved class engagement by 26% supporting professors in leading coding labs and aided undergraduate &amp; graduate students for courses such as Data Mining, Python for Data Science, and web application design and development.</li><li>Mentored 50+ students by conducting weekly office hours, offering support to students for coding assignments, projects, and clarifying course concepts while reducing professor's workload.</li><li>Collaborated with professors on research project, contributing to image classification development and achieving a 10% improvement in accuracy through effective preprocessing techniques.</li></ul>	
<b>Software Developer</b> <i>Accenture – Mumbai, India</i>	January 2020 – July 2021
<ul style="list-style-type: none"><li>Developed and maintained Salesforce applications integrated with Veeva CRM for a pharmaceutical company, ensuring seamless business processes and enhanced user experience.</li><li>Played a key role in designing and developing new features to automate Data Privacy Notice for 26 countries, involving the capture of customer notices via calls and emails. Updated 300,000+ records on Salesforce using Apex and Visualforce.</li><li>The automated Data Privacy Notice implementation reduced manual efforts and enhanced data privacy compliance by 30%.</li><li>Managed ServiceNow and implemented JIRA for efficient bug tracking and issue resolution, improving software quality and streamlining development processes. Collaborated in Agile team, delivering high-quality software solutions within strict timelines.</li></ul>	
<b>Tech Intern</b> <i>The Sparks Foundation – Mumbai, India</i>	February 2019 – April 2019
<ul style="list-style-type: none"><li>Contributed to the development of a payment gateway microservice on AWS EC2 instance.</li><li>Enhanced company website using HTML, CSS, and Bootstrap to create a visually appealing and user-friendly payment gateway interface for charity raising purposes.</li><li>Assisted in integrating a third-party payment solution into the payment gateway microservice, expanding the payment options, and streamlining the donation process for charitable contributions.</li></ul>	
<b>PROJECTS</b>	
<b>AgriScan: Plant Disease Analyzer</b>	August 2022 – December 2022
<ul style="list-style-type: none"><li>Developed a user-friendly Android application for farmers, enabling them to efficiently identify diseased plants. Integrated features for capturing and uploading 10+ plant images, while storing relevant data in the application's history which enhanced plant protection routines and facilitated sustainable management practices.</li><li>Implemented a full-stack mobile application using React Native, JavaScript, and MySQL database, PHP. Integrated a machine learning model with the React Native app using Python Flask for seamless plant disease detection.</li><li>The application successfully provided farmers with a convenient tool to analyze diseased plants, achieved an accuracy rate of 90% in disease identification. The stored image data in the application's history provided a valuable reference to tracking plant health over time.</li></ul>	
<b>CarGoRent: Simplified Car Rental Management</b>	January 2022 – April 2022
<ul style="list-style-type: none"><li>Designed and developed a car rental application for the users to rent available cars based on their selected location using SQL. The application had a database management system capable of handling a large inventory of cars, storing details such as availability, location, and pricing.</li><li>Involved in developing HTML and JavaScript for client-side presentation and data validation on the client side for total 30 customers and back-end development using Node.js and SQL, creating REST APIs for seamless communication.</li></ul>	