

## **JANE CHAVEZ**

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Portfolio: [jpdm07.github.io/portfolio-website/](https://jpdm07.github.io/portfolio-website/)

### **PROFESSIONAL SUMMARY:**

M.S. Software Engineering graduate with a strong focus on UI/UX design and front-end development. Experienced in building responsive web applications and improving usability through user-centered design principles. Skilled in translating design concepts into functional interfaces using HTML, CSS, and JavaScript. Former Registered Nurse with 5+ years of experience bringing empathy, communication, and stakeholder collaboration into user-centered digital solutions. Seeking an entry-level UI/UX or Front-End Developer role.

### **TECHNICAL SKILLS:**

**Front-End:** HTML, CSS, JavaScript, Responsive Design

**UI/UX:** User-Centered Design, Wireframing, Prototyping, Information Architecture, User Flows, Usability Testing, Visual Hierarchy

**Tools:** Wix, Git, GitHub

**Software Engineering:** Agile/Scrum, SDLC, Requirements Engineering, Software Architecture Concepts

**Data & Analytics:** R, Weka, Exploratory Data Analysis (EDA), Data Cleaning

### **PROFESSIONAL EXPERIENCE:**

#### **Volunteer Web UX Designer**

Sierra Overlook Animal Rescue | Feb 2026 – Present | Remote

- Conducted usability evaluation of existing Wix website to identify navigation and user flow improvements
- Redesigned page layouts to improve visual hierarchy and user experience
- Implemented front-end updates directly within Wix to enhance responsiveness and clarity
- Optimized call-to-action placement to improve adoption inquiries and donation pathways
- Optimized mobile responsiveness and cross-device consistency.
- Applied user-centered design principles to align website structure with nonprofit goals

### **TECHNICAL PROJECTS:**

#### **CaloriEat Web Application (UHCL Capstone Project)** | HTML, CSS, JavaScript, Node.js, Chart.js

- Developed a web-based calorie tracking application featuring authentication, dashboards, meal logging, goals, weigh-ins, and progress charts
- Designed intuitive dashboard layout to improve usability and data visualization clarity
- Structured front-end components to maintain clean code organization and responsive behavior
- Contributed to functional and non-functional requirements, architecture documentation, and testing

#### **HTML Portfolio Website (GitHub)** | HTML, CSS

- Built a personal portfolio website demonstrating structured layout, responsive design, and UI-focused development
- Published via GitHub to showcase clean code organization and front-end fundamentals

#### **Predicting AI's Impact on Careers (UHCL SWEN 5139 Group Project)** | R, Weka

- Performed exploratory data analysis to evaluate AI-related job growth and displacement trends
- Applied classification modeling techniques using Weka to analyze patterns in career impact data
- Assisted in data preparation and feature creation for analysis tasks

### **PREVIOUS HEALTHCARE EXPERIENCE:**

#### **Staff Nurse – IMU**

HCA Houston Healthcare Cypress | July 2023 – Oct 2023

- Managed care for high-acuity patients in fast-paced hospital environment
- Utilized EPIC and Meditech EMR systems for documentation and care coordination
- Collaborated with multidisciplinary teams to ensure safe and efficient patient outcomes

#### **Staff Nurse/Charge Nurse/Float Nurse**

CHI St. Joseph Hospital | Jan 2019 – Apr 2021

- Oversaw patient care operations and supported interdisciplinary coordination
- Adapted quickly across multiple units including PCU, Med-Surg, ICU, and ER
- Served as unit resource for policies, procedures, and workflow optimization

**House Supervisor & Staff Nurse**

Rock Prairie Behavioral Health | May 2016 – Jan 2019

- Supervised staff and ensured adherence to operational policies
- Conducted in-service training and coordinated patient transfers
- Supported high-quality patient care through structured workflow oversight

**EDUCATION:**

**Master of Science in Software Engineering** | University of Houston–Clear Lake (UHCL) | **GPA: 3.90**

Relevant Coursework: Software Engineering I & II, Requirements Engineering, Agile Software Development, Software Architecture, Configuration Management, Software Engineering Life Cycle, Software Process, Data Science & R, Capstone Project

**Bachelor of Science in Nursing** | The University of Texas at Arlington (UTA) | **GPA: 4.00**