

## **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 specializing in front-end development and UI/UX design. Experienced in designing and building responsive web applications using HTML, CSS, JavaScript, Bootstrap, and Figma. Strong foundation in user-centered design and usability principles, with hands-on experience deploying projects via GitHub Pages. Former Registered Nurse with 5+ years of experience bringing strong communication, collaboration, and problem-solving skills to cross-functional environments. Seeking an entry-level Front-End Developer or UI/UX Designer role.

### **TECHNICAL SKILLS**

**Frontend Development:** HTML5, CSS3, JavaScript, Bootstrap 5, Responsive Design

**UI/UX & Design:** Figma (Wireframing, Prototyping), User-Centered Design, Visual Hierarchy

**Version Control & Deployment:** Git, GitHub, GitHub Pages

**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 improve user engagement
- Implemented front-end updates within Wix to improve responsiveness and cross-device consistency
- Optimized call-to-action placement to strengthen 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 full-stack calorie tracking application with authentication, dashboards, meal logging, goal tracking, weigh-ins, and progress visualization
- Designed and implemented an intuitive dashboard interface to improve usability and data clarity
- Built responsive front-end components using structured, maintainable code practices
- Contributed to requirements gathering, architecture documentation, and functional testing

#### **HTML Portfolio Website (GitHub)** | HTML, CSS, Bootstrap 5, Figma

- Designed and prototyped responsive hero section in Figma and implemented design in HTML/CSS
- Built and deployed a personal portfolio website using Bootstrap 5 and GitHub Pages
- Applied responsive design principles to ensure cross-device compatibility
- Structured content to showcase development and UI/UX projects

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

- Conducted exploratory data analysis (EDA) to evaluate trends in AI-related job growth and displacement
- Applied classification modeling techniques in Weka to identify patterns in workforce impact data
- Performed data cleaning and feature engineering to support analysis accuracy

### **PREVIOUS HEALTHCARE EXPERIENCE:**

#### **Staff Nurse – IMU**

HCA Houston Healthcare Cypress | July 2023 – Oct 2023

- Managed high-acuity patient care in a fast-paced hospital environment
- Utilized EPIC and Meditech EMR systems for documentation and 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 across multiple units including PCU, Med-Surg, ICU, and ER
- Served as unit resource for workflow efficiency and policy adherence

**House Supervisor & Staff Nurse**

Rock Prairie Behavioral Health | May 2016 – Jan 2019

- Supervised nursing staff and ensured adherence to operational standards
- Coordinated patient transfers and conducted in-service training
- Maintained structured workflows to support high-quality patient care

**EDUCATION:****Master of Science in Software Engineering**

University of Houston–Clear Lake | **GPA: 3.90**

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

**Bachelor of Science in Nursing**

The University of Texas at Arlington | **GPA: 4.00**