

JANE CHAVEZ

UX/UI Designer | Front-End Engineer

Cypress, TX | 979-703-3827 | jpdm015@gmail.com

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

UX/UI Designer and Front-End Engineer with a Master's in Software Engineering, focused on designing task-driven, user-centered interfaces. Experienced in building responsive web applications and translating user needs into structured workflows, intuitive navigation, and low-friction interactions. Skilled in Figma, HTML, CSS, JavaScript, and usability-driven design, with a strong foundation in human-computer interaction principles. A background in healthcare brings experience in fast-paced, high-stakes environments that require clarity, efficiency, and reliability.

TECHNICAL SKILLS

Frontend Development: HTML5, CSS3, JavaScript, Bootstrap 5, DOM Manipulation, Event Handling, Responsive Design

UX/UI & Interaction Design: Figma (Wireframing, Prototyping), Task Flows, User Flows, Information Architecture, User-Centered Design, Visual Hierarchy, Cognitive Load Reduction, Usability Evaluation, Responsive & Accessible Design

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

- Evaluated real user behavior to identify friction in navigation, content structure, and task completion (adoption, donation, volunteer flows)
- Redesigned information architecture and task flows to improve usability and content discoverability
- Prioritized key user actions through improved visual hierarchy and layout structuring
- Implemented responsive UI improvements in Wix, aligning design decisions with platform constraints
- Applied user-centered design principles to reduce cognitive load and improve overall user experience

TECHNICAL PROJECTS

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

- Designed task-driven user workflows for core features including meal logging, goal tracking, and progress monitoring
- Defined system behavior using use cases, data flow diagrams, and state models
- Developed dashboard interfaces that present real-time data with clear visual hierarchy and low cognitive load
- Built responsive front-end components aligned with usability and maintainable structure
- Integrated data visualization (Chart.js) to support user feedback and decision-making

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

- Designed and developed a responsive portfolio with clear navigation and structured user flow
- Planned information hierarchy to effectively present projects and skills
- Built reusable UI components using Bootstrap and implemented interactive features with JavaScript
- Deployed and maintained using GitHub Pages

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 workforce patterns
- Performed data cleaning and feature engineering to improve 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
- 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 coordinated across multiple hospital units
- Improved workflow efficiency and supported clinical team operations

House Supervisor & Staff Nurse

Rock Prairie Behavioral Health | May 2016 – Jan 2019

- Supervised nursing staff and ensured adherence to operational standards
- Coordinated patient care workflows and staff training

EDUCATION

Master of Science in Software Engineering

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

Relevant Coursework: Software Engineering, Agile, Data Science

Bachelor of Science in Nursing

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