

JENNIFER PICADO

Software Engineer · Systems and accessible interfaces

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Remote · async · global

EXPERIENCE

Dark Heart Labs

2015 – Present

Software Engineer — Independent · Remote

- Built focus-guard, an Envoy Rust dynamic module that throttles retries at a configurable threshold (default 3) with a local 429 overload response; 12 unit tests cover config, pass/throttle, and response headers.
- Shipped NeuroShell, a macOS SwiftUI terminal (28 Swift source files), and the user docs selected from 170+ applicants for the Human-Focused AI Award (Tetrade Buildathon).
- Implemented two WCAG 2.1 AA Rails ViewComponents with keyboard-path documentation; live demo on Render.
- Built nightbind, a TanStack Start / React 19 / TypeScript app (59 TSX files) with CI; maintained public HTML/CSS/JavaScript and Jekyll properties at darkheartlabs.technology.

365 Connect LLC

2003 – 2015

Web Developer — On-site 2003–2007 · remote 2007–2015

- Delivered front-end UI for a property-management platform (WordPress, Drupal) across a 12-year tenure.
- Implemented responsive CSS and JavaScript so the platform held layout and interaction across devices.
- Partnered with design on accessibility; used observed user behavior to fix interface bottlenecks.

SELECTED WORK

- focus-guard — Envoy Rust retry throttle; 12 unit tests. github.com/jv-darkheartlabs/focus-guard
- NeuroShell — Swift/SwiftUI macOS app and awarded user docs. github.com/jv-darkheartlabs/NeuroShell
- accessibility-rails-components — WCAG 2.1 AA ViewComponents. github.com/jv-darkheartlabs/accessibility-rails-components
- nightbind — TanStack Start / React 19 / TypeScript. github.com/jv-darkheartlabs/nightbind

SKILLS

Languages

Swift · Rust · Go · Ruby · Python · TypeScript · JavaScript

Systems

Envoy · Rails · ViewComponent · PostgreSQL · HTML · CSS · WCAG 2.1

Quality

Git · GitHub · CI · automated tests

EDUCATION

Herzing University — Bachelor of Science in Cybersecurity (coursework complete; conferral pending)

PROFESSIONAL DEVELOPMENT

RHCSA (EX200) — Studying; exam date to be determined