

INGRID RODRIGUEZ

Senior Full-Stack Software Engineer — Front-End Architecture & Technical Leadership

Miami, FL | 786.230.6499 | Ingrid.Rodriguez@gmail.com | www.linkedin.com/in/rodrin | www.ingrid-rodriguez.com

PROFESSIONAL SUMMARY

Senior full-stack software engineer with over 20 years of experience building and modernizing customer-facing SaaS products from concept through production launch. Spent more than seven years at Posit as a hands-on engineer and project lead, taking multiple new products from early prototypes through general availability, leading delivery of a training platform used by customers and employees company-wide, and steering the Angular-to-Vue migration on Posit's flagship product. Comfortable owning a product end-to-end — software architecture, vendor evaluation, component design, product development, and testing strategy — while providing technical leadership, mentoring engineers, modernizing legacy codebases, and leveraging agentic coding tools to accelerate delivery. Strongest in React, Vue, Angular, and TypeScript, with practical experience in back-end development, cloud infrastructure, CI/CD, and automated testing using Node.js, Python, Go, and AWS.

CORE SKILLS

Front End: React, Vue, Angular, Redux, Pinia, JavaScript, TypeScript, HTML, CSS, RxJS, Tailwind CSS, Sass, Vite

Back End: Node.js, Go, Python, R, REST APIs, UNIX, SQL, MySQL

Cloud & Delivery: AWS, Docker, Kubernetes, Terraform, CircleCI, CodeBuild, CI/CD, Git, Just

Testing: Jest, React Testing Library, Vitest, Playwright, Cypress

Platforms & Tools: Stripe, Metronome, Box API, Claude Code

Leadership: Technical Leadership, Mentorship, Cross-Functional Collaboration, Vendor Evaluation, Stakeholder Management

Methodologies: Agile, Scrum, Kanban, Agentic Development

PROFESSIONAL EXPERIENCE

Project Lead / Senior Software Engineer | *Posit, Remote*

Dec 2018 – Jun 2026

Posit — Hosted Team

- **Posit.ai** — Developed the monetization platform from concept to launch in one quarter, implementing the full subscription lifecycle, Stripe payments, Metronome usage-based billing, and dark mode from day one (React, Tailwind CSS, Vite, Just).
- Used Claude Code as an agentic coding assistant to accelerate implementation and refine Posit.ai features against product mocks and established architectural patterns.
- Ran point on evaluating usage-based billing vendors, weighing Stripe, Metronome, Orb, and Lago against the Finance team's requirements and coordinating stakeholder sign-off before landing on Metronome.
- Created a themeable component library and raised front-end unit-test coverage above 95%, reducing visual inconsistencies and making shared UI changes safer (React, Tailwind CSS, RTL, Jest).
- **Publisher Extension** — Provided technical leadership to a three-engineer team, delivering Connect Cloud support ahead of schedule, bringing cloud publishing integration into developers' existing VS Code workflow (TypeScript, Vue).
- Added Connect Cloud support to the existing extension codebase, driving major refactors that consolidated shared logic into reusable modules and simplified the tricky backward-navigation flow, including handling for optional steps — plus API polling utilities and a live raw-logs view with a summary toggle (TypeScript, Vue, Vitest).
- **Connect Cloud** — Built deployment-history and log views, along with an image-tile content view, to close key workflow gaps between Connect Cloud and the on-premise Connect product (React, Tailwind CSS, TypeScript).
- Refactored product-wide CSS and component patterns to resolve recurring styling inconsistencies and make new UI work easier to maintain while unifying visual design (Tailwind CSS, React).

Posit — Academy Team

- Led a cross-functional engineering team through the design and production launch of Posit Academy, taking the platform from proof of concept to general availability (Vue, Python, R, Kubernetes, Docker, Go, SQL, CI/CD, Just).
- Designed the tooling that turned non-scalable, R- and Python-based educational content into a full learning platform — parsing it into reusable JSON and serving it through a feature-rich Vue app (Vue, Bootstrap, CSS, Go, R, Python, JSON, SQL).
- Built key product features like adaptive knowledge testing, learning-timeline placement, and IDE integration that allowed learners to complete tutorials and practice with milestones without leaving their learning environment (Vue, CSS, Go, R, SQL).

- Interviewed more than 10 engineering candidates and mentored at least three engineers through architecture reviews, code reviews, and feature design, helping new team members ramp up more quickly.

Posit — Connect Team

- Architected the phased migration of Connect on-premise from Angular/Redux to Vue, using a hybrid bridge to incrementally migrate existing code while shipping new functionality with minimal risk (Angular, Redux, Vue).
- Shipped a wide range of new features — including tile vs. list view and timezone-sensitive report scheduling — while refactoring the app into reusable components (Vue, Go, CSS, Bootstrap).

Senior Software Engineer | *Mindflash, Remote*

Sep 2016 – Nov 2018

- Implemented the redesign of the learning management system's trainer and player applications using Angular, RxJS, TypeScript, and Vue, streamlining key workflows as the company moved toward larger enterprise customers.
- Centralized shared logic across seven question types and built a reusable auto-scrolling directive for drag-and-drop, applying DRY principles across the trainer and player apps (Angular, Reactive Forms, Vue, TypeScript).
- Replaced extensive legacy Flash and .NET functionality as part of a broader codebase sunset, implementing equivalent features on the new stack (Node.js, SQL, Angular, TypeScript, CSS, HTML).
- Debugged and resolved critical issues in a large-scale, 1,000+ customer data migration off a legacy schema, raising migration script test coverage from 0% to 95%+ and overall front-end/back-end test coverage above 90% (Node.js, SQL, UNIX, Jasmine, Chai, Tap, Ava, TestDouble, Faker, Rosie).
- Upgraded the PDF/Word upload mechanism to the latest Box API under tight deadlines, migrated all 35,000 existing documents off the legacy version with zero customer impact, and brought upload infrastructure in-house, saving over \$60,000 annually (Node.js, SQL, JavaScript, Box API, AWS).

Project Lead / Senior Software Engineer, Web | *Global Eagle, Miramar, FL*

Mar 2015 – Sep 2016

- Delivered a bandwidth-optimized payroll application — a full front-end overhaul of the legacy portal — enabling shipboard users to sign up, purchase internet packages, and get online (JavaScript, AngularJS, Bootstrap, Less).
- Reduced sea-to-shore API calls by 90% and cut the application's footprint by 60% to meet strict bandwidth constraints while maintaining a consistent user experience (JavaScript, jQuery, AngularJS).
- Made the application responsive and skinnable across hundreds of mobile devices for thousands of customers across 186 ships, including enhancing a forked open-source JavaScript plugin to support configurable properties across six components (CSS, Bootstrap, Sass, Grunt.js).
- Built a dual templating strategy — reusable components compiled from HTML templates at runtime to keep the app lightweight, and server-side precompiled templates with cookies to extend backward compatibility to 40% more devices — cutting page load time from 5 seconds to under one second over low-bandwidth satellite connections (AngularJS, Hapi.js, Handlebars).

Co-Founder / Front-End Developer | *Juxtapose, Remote*

Apr 2012 – Mar 2015

- Designed and built a consumer web application from the ground up to help users find and buy the best smartphone, architecting a zero-downtime, cloud-deployed caching strategy that removed the app's database dependency.
- Optimized and re-architected search result rendering for hundreds of tiles — cutting load time from 30 seconds to under one second and reducing result volume by 90% through grouped data — for a dramatically faster, cleaner user experience.
- Reduced duplicate data by millions of rows through data model normalization and performance optimization.
- Built an internal UI tool for data entry that cut entry time by 80%.
- Implemented a full UI overhaul in under a month in partnership with a distributed design team, incorporating feedback from dozens of one-on-one user sessions.

Technology VP – Lead/Analyst Developer | *Goldman Sachs, New York, NY*

Mar 2005 – Mar 2012

- Led a team of three developers to build a centralized core reporting platform with dynamic customization and personalization for Fixed Income REPO and Global Sales Technology, communicating requirements across technology groups and defining the service-based architecture and decommission strategy for the legacy systems it replaced.
- Led a team of five developers on a phased strategic replacement of a legacy client data CRM web application.
- Conducted gap analysis on an existing event application, eliminating heavy reliance on Excel, and designed flexible, drillable data models — spanning compensation, budgeting, and client metrics — to simplify reporting and adapt to evolving product groupings.

EDUCATION

Bachelor of Science (BS) in Computer Science | *Florida International University, Miami, FL*