Ryan Dennler

Senior Frontend Engineer +1 786-620-3399 | ryan@dennler.dev | dennler.dev | linkedin.com/in/rdennler | github.com/rdennler

Summary

Senior frontend engineer with 10+ years building web applications, including 4+ years focused on React, TypeScript, and Vue. Has led frontend architecture decisions, built a 36-component design system for a dashboard serving 100,000+ studios, and set up testing practices shared by engineering, design, and product teams. Recently designed, built, and shipped three AI products end to end.

Skills

Languages & Frameworks: TypeScript, JavaScript, React, Vue, Next.js, Laravel, PHP, HTML5, CSS3
State & UI: Redux, Zustand, React Query, Pinia, TailwindCSS, Shadcn (React/Vue), Storybook, Chromatic, design tokens
Testing & Accessibility: Vitest, Jest, React Testing Library, MSW, TDD, WCAG, ARIA, automated a11y testing
AI Engineering: Anthropic SDK, schema-checked structured output, context engineering, LLM evals, Agent Skills, Claude Code, MCP
Tooling & Data: Vite (custom plugins), GitLab CI/CD, GitHub Actions, Docker, Vercel, PostgreSQL, GraphQL, REST

Experience

Senior Frontend Engineer Sept 2021 – Sept 2026
GoCreatorGroup *Remote, Costa Rica*

- Architected and built a design system of **36 base UI components** and design tokens for a React dashboard serving **100,000+ studios**, giving frontend, product, and design one shared source of truth.
- Cut QA ticket re-opens by **~40%** by mapping components 1:1 to design specs so designs hand off directly to code, and made design-to-engineering planning **~50%** more efficient.
- Cut UI-level QA testing time by **~40%** with Storybook and Chromatic visual regression tests, and added automated accessibility checks in GitLab pipelines.
- Wrote custom Vite plugins that cut build time by **95%** (1m 22s to 3s), and upgraded TypeScript from 4.x to 7.x, cutting type-checking time by **75%** (4m to 1m).
- Directed the migration to a feature-slice architecture and wrote SKILL definitions for the design system and coding practices, so engineers can use AI to write correct, consistent code with little prompting.
- Gave internal talks on Test-Driven Development and Advanced React Fundamentals, which led the team to adopt both.
- Led frontend development of a Laravel + Vue moderation system used by **300+ moderators** in the U.S., Colombia, and the Philippines, and designed a promotion-based queue so content no longer backs up for days during peaks like Black Friday.

Frontend Engineer, Side Contract Jan 2021 – Present
InfonetPublications *Remote, Costa Rica*

- Converted a legacy PHP/vanilla JS job directory into a Laravel + Vue SPA, cutting page load times by **4 seconds**, and set up GitHub Workflows for automated deployments and Vitest pipelines with coverage reporting.

Content Manager | *Tropical Sun Ltd.* | Sept 2016 – Sept 2021
Frontend Engineer, Contract | *thinkRyan* | Jan 2014 – Jun 2018
WordPress Developer | *Nikki Beach* | Sept 2011 – Jan 2014

Projects

thinkboard | *Next.js, TypeScript, PostgreSQL, Anthropic SDK* thinkboard-beige-mu.vercel.app

- Wrote an AI brainstorming canvas from scratch (DOM cards, an SVG edge layer, one CSS transform for pan and zoom), with keyboard and AI edits running through one reducer for shared undo and autosave.
- Had the model reply with schema-checked board operations, not prose, and cut drag frame time on a 200-card board from 16.7 ms to **8.5 ms** by memoizing card faces.

WriteJourney | *Next.js, PostgreSQL, GraphQL, Google OAuth* writejourney.vercel.app

- Built a writing tutor that reviews a draft against what the writer says they are aiming for and replies only with questions and observations, so there is nothing to accept or insert.
- Kept long sessions from growing the prompt: once a thread passes 16 messages or 24,000 characters, older turns fold into a summary and only the newest 6 stay word for word.

yat (your-ai-tutor) | *Claude Code, Agent Skills, Python* github.com/rdennler/yat

- Built an open-source harness that turns Claude into a Socratic tutor from plain files (system prompt, guardrails, memory schema, skills, and subagents), so a new topic is one env.toml.
- Wrote evals that run the real tutor through scripted sessions and have a judge grade each rule: **4/4** calibration agreement and **24/25** on the full pass at three runs per case.

Education

University of Florida | *BS, Computer Science (in progress)* Expected 2028