

Nicola Riker

Senior Fullstack Engineer / Frontend Lead – Product Engineering & AI Integration Expert

Design System Pioneer | Vue 2 | Vue 3 | TypeScript | Software Automation | Front-End | Full Stack | Designer | API Integration

SUMMARY OF QUALIFICATIONS

- **Senior Engineering Leader & Frontend Technical Lead** driving product ownership, AI agent orchestration, and component architecture across enterprise and legaltech platforms using Vue 2/3, TypeScript, JavaScript, Python, and modern GTM strategy.
- **Expertise in collaborating and planning with team developers** and cross-functional teams to design and allocate applications, manage advanced coding operations, prepare and test results, and develop "go-to" solutions.
- **Recognized for leading, managing, and supporting** the integration of various designs and design systems using Atomic Design, Front-End Frameworks, TailwindCSS, Figma Prototyping, and the BEM method while testing and evaluating processes.
- **Recognized for leading and capitalizing** on integrating applications that exponentially increased revenue opportunities, capacity requirements, organizational and multi-program development, and workforce supply.

CORE EXPERTISE

Full Stack System Deployment and Maintenance – Cross-functional Collaboration – Team Support – Quality Assurance – Continuous Development – Figma – Monday – Strategy and Process Optimization – Strategic Planning and Execution Design Planning – Atomic Design Systems – Efficiency Optimization – Risk Mitigation – Scenario Analysis Application Performance Management – UX Management – Workforce Optimization – Quality Control Management – Website Management – Javascript – ES6 React – Vue – Vite – Styled Components – Performance Optimization – UX Design – API Integration – Team Leadership

MOST RECENT PROJECT EXPERIENCE

[ChartInsight / Gemini Legal](#)

January 2025 – Present

Architected and spearheaded high-performance web application features for legal and medical chart review workflows, orchestrating AI agent standards, OpenSpec workflows, and design systems for enterprise scale.

- **Architected** AI agent standards, OpenSpec workflows, and prompt orchestration for medical chart review automation.
- **Optimized** medical-record PDF viewer performance using virtual scrolling, chronologies, and vitals tracking.
- **Owned** the growth and marketing platform, building landing pages, CMS architecture, SEO, and analytics.
- **Pioneered** AI-native developer workflows, Playwright test suites, and practice management integrations (NetDocuments, MerusCase).

[CareAcademy Design System](#)

May 2023 – December 2024

This component library is a mono repository built on Vite, Vue.js, and TailwindCSS. The designs were translated from Figma. I pioneered, documented, and founded the development, as well as led the direction for the designs. The implementation of this library solved many problems, and I'd love to chat more about them.

- **Implemented** and aided in the creation of designs for a mono repository component library enhancing UI consistency and developer efficiency
- **Collaborated** with cross-functional teams like product, engineering, sales and marketing to deliver a scalable design system, improving user engagement and satisfaction.

[My Website](#)

February 24 2023 – Present

My website is built on Vue.js, Contentful, Javascript, GraphQL, TailwindCSS and designs were iterated on Figma starting the date of Prefect RIF announcement and were completed within a month.

[Nuxt Three.js Animated Experience](#)

February 2023 – March 2023

Developed project resulted from class taken with Udemy in order to render 3D shapes and animations on 2D spaces (ie marketing webpages) using Nuxt.js, and WebGL such as Three.js and GSAP.

[Prefect-Design Open Source Library](#)

October 2022 – March 2023

Improved, Developed, and maintained the design system of the UI of an open source library to maintain a cohesive atomic design system within our applications using Typescript, Vue 3 Composition API and TailwindCSS.

[Prefect UI Open Source Library](#)

October 2022 – March 2023

Improved, Developed, and maintained the UI of an open source library to maintain a cohesive atomic design system within our applications using Typescript, Vue 3 Composition API and TailwindCSS.

- **Developed and maintained** a cohesive UI for an open-source project using TypeScript and Vue 3, resulting in improved usability and performance.

[Prefect Open Source Library](#)

October 2022 – March 2023

Maintained, developed, and improved the routing of an open source library to provide a better user experience using Typescript.

[Prefect.io Website](#)

July 2021 – March 2023

Developed, maintained, and improved what became a content machine capable of running without a developer. This website was built with Vue.js, a headless CMS such as Contentful, TailwindCSS, and Javascript.

PROFESSIONAL EXPERIENCE

[Gemini Legal](#) - Rocklin, CA (Remote)

January 2025 – Present

Gemini Legal provides legal product management, court filing, and document retrieval solutions for law firms and legal professionals.

[Senior Fullstack Engineer / Frontend Lead](#)

January 2025 – Present

Leading front-end architecture, product ownership, and AI agent orchestration across medical chart review workflows, core app experiences, growth platforms, and practice management integrations.

- **Drove** full-stack architecture and product strategy for AI-enabled chart review platforms, aligning technical execution with enterprise legal business goals.
- **Orchestrated** autonomous AI agent integration and OpenSpec workflows to streamline automated data extraction and legal document summarization.
- **Championed** cross-functional leadership, partnering with Product, UX, and Marketing to refine product analytics, GTM positioning, and security compliance.
- **Optimized** medical-record PDF viewer performance via virtual scrolling and delivered core app features including interactive chronologies, vitals tracking, templates, and onboarding.
- **Architected** marketing/growth platforms (landing pages, blog CMS, SEO infrastructure) alongside NetDocuments folder systems and MerusCase integrations.
- **Elevated** AI-native engineering standards using automated Playwright test suites, Claude/Cursor custom skills, and OpenSpec execution pipelines.

CareAcademy - Boston, Mass. (Remote)

May 2023 – December 2024

CareAcademy is a learning management platform dedicated to educating healthcare professionals and caregivers to ensure better outcomes in the caregiving industry.

Senior Software Engineer, Front-End

May 2023 – December 2024

Pioneered the CareAcademy design system and created a private mono repository that the company must authenticate to use via NPM. I helped educate the backend engineers to create new experiences with the UI systems I built and increased general productivity.

- **Pioneered**, developed and managed the CareAcademy design system using legacy technologies while upgrading their technologies. Composition API and Typescript.
- **Mentored** junior engineers, providing guidance on best practices in performance optimization and user experience design.
- **Recovered** over \$45,000 in lost revenue within a week by implementing UX features and systems like a banner that reminds the user of unpaid accounts and locks users out of certain features if they have not paid.
 - o This figure has since grown to over 96% recovered lost revenue.
- **Supported** the product team and delivered new experiences that helped increase user retention.

Prefect Technologies, Inc - Washington, D.C. (Remote)

July 2021 – March 2023

Prefect is a dataflow automation platform that allows teams to build, schedule, and monitor data workflows in a code-first approach using Python.

Senior Software Engineer, Front-End

October 2022 – March 2023

Implemented website automation and increased efficiency within the Go to Market team to develop new pages within the CMS while maintaining an Atomic Design Open Source Library using Vue 3 Composition API and Typescript.

- **Developed** and managed the Prefect Cloud UI and Prefect UI using Vue 3 Composition API and Typescript.
- **Increased** engagement milestones by 9% in 1 month by enhancing UX features and systems.
- **Supported** the website while working on the UI and monitoring data workflows.

Web Developer

July 2021 – October 2022

Built and maintained the prefect.io website application using Vue 2, ContentfulCMS, TailwindCSS, and Javascript.

- **Developed** a system that allowed the marketing team to publish over 500 resources, exponentially increasing revenue and capacity requirements and leading to a workforce of 100 people.
- **Expanded** attribution on the website by implementing The Guide, growing, and activating the Prefect user base.

Intrinio, Inc - Colorado Springs, CO (Remote)

January 2020 – May 2021

Intrinio is a financial data platform that provides access to accurate and reliable financial market data through an API or web-based platform.

Software Engineer

Developed, maintained, and improved the Intrinio Data API, account pages, admin pages, and various SILO projects coding the UI of fintech applications in Ruby on Padrino, AngularJS, and SCSS.

- **Led** the front-end development and product release for Intrinio's marketplace using Ruby and Vue2.
- **Supported** the integration of various data sets through API and web-based programs.
- **Collaborated** with the back-end team to build API routes and ensure efficient data flow.
- **Worked** on providing onboarding experiences on the website for **millions of API users using AngularJS.**

AdPro 360 Results - Colorado Springs, CO

November 2018 – January 2020

AdPro 360 Results is a marketing agency owned by Phil Long Ford that provides traditional and digital marketing services to local clients, including but not limited to automotive businesses, with the aim of improving their brand recognition, generating leads, and increasing sales.

Front End Developer

- Integrated APIs of Google Maps to create customized map tools on website applications.
- Accelerated inbound leads through the development of customized email campaigns.

EDUCATION

Pikes Peak State College

Colorado Springs, CO 2018

AS in Computer Science

Thesis: Computerized Enrollment and Student Information Systems

- Major GPA: 3.23/4.00
- Student Government Senator

Udemy Certificates

- AngularJS
- Advanced CSS, SCSS, and SASS
- User Experience Design
- Three.js

FreeCodeCamp

- Responsive Web Design
- Javascript Algorithms and Data Structures
- Front-End Development Libraries
- Data Visualization
- APIs and Microservices
- Information Security and Quality Assurance
- Full Stack