

Nick Radford

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SUMMARY

Staff Product Engineer with 10+ years of experience building production web applications, internal tools, design systems, and developer platforms. Strong in TypeScript, React, Node.js, PostgreSQL, Tailwind CSS, and Cloudflare-based infrastructure. Currently building Sumi, a CRM and booking platform for tattoo studios, where I own product discovery, customer workflow research, full-stack architecture, onboarding, payments, scheduling, and customer-facing UI. Experienced using Cursor, Pi, OpenCode, and multi-model AI-assisted workflows to move from raw user signal to working prototypes, shipped product, and measurable iteration.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML, CSS/SCSS

Frontend: React, Next.js, TanStack, Tailwind CSS, shadcn/ui, Radix UI, React Native, Expo, Redux, Storybook

Backend: Node.js, Hono, Elysia, PostgreSQL, Drizzle ORM, REST APIs, GraphQL, Cloudflare Workers, Queues, R2

AI & Developer Tools: Cursor, Pi, OpenCode, AI SDK, LLM integrations, multi-model workflows, AI-assisted prototyping, Git, Vitest, Playwright

Product & Infrastructure: Stripe, PostHog, Resend, Cloudflare Workers, Queues, R2

RECENT PRODUCT WORK

Sumi

- Building a full-stack B2B SaaS platform for tattoo artists and studios, covering client intake, booking forms, studio profiles, project pipeline, admin tooling, onboarding, payments, and embeddable public booking flows.
 - Own product discovery and roadmap decisions from direct studio workflow research, translating ambiguous customer pain around intake, scheduling, and client communication into shipped product surfaces.
 - Interviewed **around 20 tattoo artists** and integrated Sumi with **2 working artist workflows** while preparing the platform for an official release and paid users.
 - Designed and implemented the core product architecture across authentication, organizations, public booking flows, project workflows, email delivery, scheduling, billing, analytics, and admin operations.
 - Integrated Gmail, Google Calendar, Stripe, Resend, PostHog, and Cloudflare infrastructure to support customer communication, appointments, onboarding, payments, and studio operations.
 - Use AI-assisted development workflows to rapidly prototype, scope, and ship production features across frontend, backend, database, infrastructure, and product design.
 - Made product and commercial decisions across pricing, packaging, onboarding flow, subscription billing, design partner access, and studio-facing positioning.
- Technologies: TypeScript, React, TanStack Start, Tailwind CSS, Drizzle ORM, PostgreSQL, Better Auth, Stripe, Resend, PostHog, Cloudflare Workers, Queues, R2, Gmail API, Google Calendar API.

PROFESSIONAL EXPERIENCE

Heyday, Senior Frontend Engineer

Jan 2023 - Jun 2024

- Shipped a streamlined onboarding flow in one day using an AI-assisted workflow, driving an approximately **15% lift** in completion in an A/B test.
- Led migration from create-react-app to Next.js, improving frontend architecture, performance, maintainability, and developer experience.
- Led adoption of Tailwind CSS and contributed to TypeScript integration, improving design consistency and type safety across the frontend codebase.
- Built AI-assisted writing features using Tiptap editor infrastructure across customer-facing product surfaces.

Govalo, Founding Full Stack Engineer

Nov 2021 - Aug 2022

- **Reduced webhook processing errors by 80%** by replacing a monolithic handler with an asynchronous jobs system with exponential retries and dead-letter recovery.
- Established coding conventions, design patterns, and product engineering practices for the team.
- Created internal management tools for troubleshooting, promo code administration, billing plan management, and customer operations.

Cruise Automation — Senior Full Stack Engineer

Oct 2018 - May 2019

- Developed a custom Electron-based "Data Workbench" for data scientists to manipulate Google BigQuery data and visualize results using Python and Highcharts.
- Built internal CI and data visualization tools (Next.js, Go) to analyze results of millions of autonomous vehicle simulation runs.

Unity Technologies — Full Stack Engineer

Oct 2017 - May 2018

- Contributed to the Unity Ads platform using React, Redux, Go, and Node.js, building product surfaces for game developer monetization insights.

Idean, Inc. — Senior UI Developer, Contract

Oct 2016 - Mar 2017

- Developed a B2B web application for a multinational media streaming service using React and Redux; established frontend best practices for the team.

Euclid Analytics — Software Engineer

Feb 2016 - Sep 2016

- Migrated the main product from Rails Asset Pipeline to ES2015 and Webpack; developed a data verification application using Express.js and React.

Walmart Labs, Sam's Club — Senior Mobile Web Engineer

Apr 2015 - Oct 2015

- Led implementation of new UI designs using Angular and CSS components, unifying styles across teams.

Dell — Software Development Staff Engineer

Apr 2011 - Mar 2015

- Led creation of a shared UI library adopted by **~100 Dell products**; guided remote teams on AngularJS adoption and frontend architecture.

EDUCATION

Bowling Green State University — Coursework toward B.S. in Computer Science

2007 - 2011

Relevant coursework: Software Engineering, Data Structures, Web Development