Perry von Rosenvinge

Los Angeles, CA - Software Engineer
Perry.j.vr@gmail.com - LinkedIn - Portfolio - GitHub

Experience

Township - *Senior Software Engineer*   *Nov 21 - Nov 23*
- Engineer responsible for the agency's marketing website overhaul, constructing a NextJS application integrated with Contentful Headless CMS, analytics tracking, performance monitoring, with hosting through Vercel. Prioritizing usability, accessibility, SEO optimization, and design.
- Collaborated on the development of **Teal**, an open-source Elixir admin dashboard package created by Township. Took on the role of a writer and IC, contributed to Teal's documentation, and served as the lead engineer responsible for building the online documentation.
- Migrated client's React native mobile application to operate "offline-first", no longer relying on a stable network connection to function by implementing Tanstack React Query. Significantly enhanced app functionality while offline and improved reliable data transmission over unstable connectivity.
- Implemented custom UI/UX designs from our in-house team using Figma and Tailwind CSS. Prioritized accessibility, optimized for SEO, ensured clean code and collaborated effectively with graphic designers.
- Implemented app analytics (Google Analytics, Firebase Analytics, Plausible, etc.) across diverse projects, enhancing monitoring and tracking crucial metrics for client's applications.
- Integrated Twilio for automated SMS notifications in an Elixir/Phoenix web app. Used websockets and PubSub to establish client-to-admin connections, focusing on regular business hours.
- Spearheaded a revamped onboarding program for incoming junior developers and established a mentoring program for all new hires. Prioritizing inclusivity and supportive growth within the workplace.
- Served as interim team manager for a team of 3 engineers ranging from junior to staff level. Oversaw their day-to-day success and well-being, fostering transparent and supportive relationships to ensure the delivery of quality work within consistent timelines.

Freelance - *Software Engineer*   *Nov 21 - Present*
- Managed, refactored, and updated Shopify codebases, adhering to brand style guides while working with Liquid templates.
- Developed custom portfolios, websites, and software for local businesses and vendors. Implemented Contentful CMS in projects, empowering clients to update application content without requiring additional engineering work.
- Actively contributing to open-source projects
- Built open-source packages for efficiently generating random user data.

Marin Software - *Software Engineer*   *April 21 - Aug 21*
- Refactored the orgs Angular 2 codebase to Angular 3.
- Worked remotely in a large engineering corp with 100+ developers.

Education

Rithm School - *Software Bootcamp*   *March 20 - June 20*
Blueprint X - *Management Training*   *Aug 23 - Oct 23*
Santa Monica College - *Computer Science & Mathematics*   *Dec 19 - Feb 20*

Projects

Township Marketing Site - A dynamic, accessible, and attractive NextJS site served via Contentful CMS. Integrated Analytics tracking with Plausible, styled with Tailwind CSS, hosted on Vercel, integrated with Notion, and built with love.

ChargerHelp Technician App - Revamped a React Native Android app, removing its reliance on a constant internet connection with Tanstack React Query. Automated releases via GitHub Actions and Release Please, and added analytics tracking and crash reporting using Firebase.

EMPWR IOS App - Led an engineering team of 3 as a Tech Lead. Developed a new offline-first iOS application from scratch using Expo. Implemented tools such as Google Maps, two-factor authentication with one-time passwords, and incorporated custom camera functionality using Expo Camera and Expo ImagePicker.

Moveprice - Contributed independently to a web-based responsive Elixir/Phoenix app to simplify cross-country moving. Integrated custom admin dashboards for visualizing essential customer information, incorporated SMS messaging through Twilio, ensured a responsive and accessible design using Tailwind, and introduced key features utilizing PubSub to schedule and initiate on-demand customer-to-client meetings.

Radix Explorer / Olympia Wallet - Enhanced the consumer-facing front-end of a desktop wallet for the Radix cryptocurrency ecosystem built using Electron and Vue. Specifically, it contributed to enabling the connection and utilization of multiple hardware ledger devices. Previously restricted to one, the application now supports connectivity for up to 10 devices, providing users with expanded options and functionality.

Alcor ISED pro - Developed a new onboard UI for medical hardware devices measuring sedimentation levels in blood samples using Electron and Vue.

Skills

Languages - Javascript, Typescript, Elixir, Python, HTML, CSS
Frameworks - React, React Native, Next.js, Vue, Angular, Node, Phoenix, Django, Expo, Electron
Testing - Jest, Cypress, ExUnit, Unit Testing, End-to-End Testing
UI/UX - Figma, Adobe Illustrator, Bootstrap, Tailwind, SASS
Additional - Git, Project Management, AGILE workflow, Analytics Tracking