

Ian Kranz

Software Engineer

Full-stack software engineer with specialty in front-end technologies

Experience

Software Engineer - Spoak

February 2022 - Present

- Developed and maintained a client-side application of interior design tools using VueJS and data from an Apollo GraphQL API with small project teams.
- Implemented a new design system using VueJS, TypeScript, and Tailwind CSS for use across the company's core product.
- Supported a graphical editing tool for interior designers utilizing the FabricJS library.
- Improved the Spoak Google Chrome Extension UX using JavaScript and CSS with data from a REST API.
- Shipped and gauged the performance of new application features using data analysis in Amplitude Analytics and A/B testing with Amplitude Experiment.
- Collaborated with other engineers daily using Git and GitHub to submit changes, review code, and deploy the production application.
- Constructed TypeScript modules and Node.js server microservices to feed the needs of a growing full-stack application.

Underwriter - QFS Capital

July 2021 - February 2022

- Analyzed small business financial statements to determine risk associated with business using models built in Excel.
- Developed a desktop application in Java for extracting and displaying meaningful data from dense financial documents.

Projects

Portfolio Site - iankranz.com

- Designed and implemented a personal portfolio site using React and Next.js
- Deployed site using Netlify with CI/CX configuration through GitHub
- Update the site frequently to add content, integrate new features, and improve design with CSS

Joke Generator - piggyarns.com

- Created a web application that generates funny sayings by combining pre-written phrases stored in a PostgreSQL database.
- Designed and built an API for serving joke components using Django with Python and a client-side site using Vue.js with TypeScript.
- Deployed the application via Github to Railway allowing for continuous deployment.

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Skills

JavaScript / TypeScript

React, Redux, Next.js

Vue, Nuxt.js

HTML, CSS (SCSS, Tailwind)

REST APIs, GraphQL APIs

git, GitHub

Node.js, Express.js

Python, Django

SQL, PostgreSQL, Firebase

Heroku, Netlify, Vercel,
Railway

npm, Vite, Vitest, Ngrok

Data and A/B Testing,
Amplitude

Graphics libraries: fabric.js,
three.js

Education

Cornell University

B.S. in Electrical and Computer
Engineering

3.97 GPA

Aug 2015 - May 2019

Certificates

[JavaScript Certificate](#)

[React Certificate](#)

Interests

Blogging

Tennis

Video games