Ian Kranz
Software Engineer

Full stack software engineer specializing in front-end development.

Experience

Software Engineer – Spoak
February 2022 – September 2023

- Developed and maintained company's core web product leveraging TypeScript with VueJS and GraphQL.
- Implemented a new design system using VueJS, TypeScript, and Tailwind CSS for use across the company's product offerings.
- Supported a graphical editing tool for interior designers utilizing the FabricJS library.
- Improved the Spoak Google Chrome Extension UX using JavaScript, CSS, and 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 product team daily via Slack and used 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 terms using models built in Microsoft Excel.
- Developed internal tools for parsing relevant data from dense financial documents using Java.

Projects

Productivity App – dewdayte.com

- Built a full stack web application for tracking tasks leveraging React.js, Next.js, and Postgres
- Deployed application to production and continue to maintain the code publicly on GitHub.

Joke Generator – piggyarns.com

- Created a web experience for generating experimental jokes using Python Django framework and Vue.
- Architected a front and back-end system for delivering randomized jokes and collecting user feedback in a SQL database.
- Analyzed feedback data with Pandas Python scripts to draw insights and make improvements on joke quality.

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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. Electrical and Computer Engineering
Magna cum laude
3.97 GPA
Aug 2015 – May 2019

Certificates

JavaScript Certified

React.js Certified

Interests

Creative writing

Tennis

Video games