Ian Kranz

Software Engineer

Front-end focused engineer with growing experience in backend technologies

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Experience

Software Engineer - Spoak

February 2022 - Present

- Work with small project teams to develop and maintain a client-side application of interior design tools using VueJS and data from an Apollo GraphQL API.
- Implemented a new design system using VueJS, TypeScript, and Tailwind CSS for use across the company's core product.
- Utilize the FabricJS library to support a graphical editing tool for interior designers.
- Made improvements to the Spoak Google Chrome Extension using JavaScript and utilizing a REST API.
- Use Segment, Amplitude, and LaunchDarkly to ship and gauge the performance of new application features.
- Collaborate with other engineers daily using git and GitHub to submit changes, review code, and deploy the production app.

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

Joke Generator - piggyarns.com

- Created a web appicaton that generates funny sayings similar to Cards Against Humanity by combining pre-written phrases stored in a PostgreSQL database.
- Designed and built an API for serving joke components using Django and a client-side site using VueJS with TypeScript.
- Deployed the application via Github to Railway allowing improvements to be maid regularly.

Discord Bot - Arns

- Extended the Joke generator application to become a Discord bot from which users can receive jokes in their discord servers on demand.
- Built a server-side application using NodeJS and Express that consumes my own Django Joke API. The application uses the Discord API to respond to chat commands and deliver jokes as channel messages.

Skills

TypeScript/JavaScript (VueJS, NodeJS, Express)

HTML5, CSS (SCSS, Tailwind)

Python (Django)

Databases (PostgreSQL)

GraphQL APIs (Apollo)

Hosting Services (Heroku, Railway, Netlify)

Version Control (Git, GitHub)

Development Environment (NPM, Vite, Vitest, ngrok)

JavaScript Libraries (FabricJS, lodash)

Education

Cornell University

B.S. in Electrical and Computer Engineering

Aug 2015 - May 2019

Interests

Film editing

Fitness

Video games