李 笑言 [XiaoYan Li]

lxy.lixiaoyan@gmail.com
[redacted]
https://github.com/lixiaoyan

Work Experience

Canva – Front-end Engineer [2019.10–2020.08]

- Optimized the QR code feature in Canva Editor.
- Developed the link invitation feature in onboarding flow.

Zhihu – Front-end Engineer [2016.08–2019.10]

- Participated in the development of the Zhihu Web.
- Optimized the accessibility of shared components.

WooYun – Front-end Engineer [2015.07–2016.07]

- Adapted the WooYun website for mobile devices.
- Built WooYun Summit and WooYun Report 2015 website with React.

Skills

TypeScript [ECMAScript]

Have the ability to write static-typed code, familiar with tuples, union types, and generics. Can configure TypeScript in a monorepo with project references.

React [Redux, Mobx]

Have five years of experience, understand the working mechanism of virtual dom, familiar with state management libraries such as Redux and Mobx.

Build System [Webpack, Babel]

Can configure build system from scratch, familiar with long-term caching, code splitting, and hot module replacement. Have some knowledge of server-side rendering.

Accessibility [WAI-ARIA]

Have the ability to build accessible pages and optimize components for screen reader and keyboard users.

Projects

QR Code Upload [Canva]

Added a button in Canva Editor to allow users to upload photos on their phones by scanning the QR code, and implemented the upload page for mobile.

Video Player [Zhihu]

https://github.com/zhihu/griffith

Developed the mobile-friendly video player for Zhihu Video, with adaptive bitrate streaming, shortcuts, and fullscreen mode.

Rich Text Editor – Mobile [Zhihu]

Rebuilt the full-featured rich text editor for Zhihu App, based on React and Quill. The editor uses the hybrid protocol to communicate with the app, to implement complex features like video uploading.

Rich Text Editor – Desktop [Zhihu]

Maintained the rich text editor for Zhihu Web, added lots of features to it, including image captions and videos, and continuously optimized its performance.

Burp Management System [WooYun]

Built the Web interface of Burp — a vulnerability scanning tool developed by WooYun. It allows customers to inspect and manage security vulnerabilities.

Personal Projects

App Builder [Private]

A single-dependency zero-configuration build tool for React apps, based on Webpack and Babel, with first-class support for TypeScript and monorepo. Initiated as a replacement for Create React App.