Huilin Cao

Front-end Engineer

15173266529

caohuilin9588

chl.2016@qq.com

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caohuilin

caohuilin.com

Experience

QINIU – Pandora

2017.12 ~ now

Head of Front-end Team

Pandora Product

Visualization System

Open Application Platform

BTCC

2016.06 ~ 2017.12

Star Employee

Blockchain Plus Product

USD Trading System

Implement TypeScript

Education

HNUST

Bachelor of Internet of Things

2013.09 ~ 2017.06

GPA 3.7 / 4.0

Skills

- **HTML / CSS**
  1. Proficient in HTML5 and CSS3.
  2. Experience in developing style components with LESS.
  3. Worked on modern browsers like Google Chrome. Understand the principle of browser.

- **TypeScript / JavaScript**
  1. Excellent hands on experience in JavaScript.
  2. Implement Front-End features with TypeScript / JavaScript.
  3. Stay updated on latest JavaScript practices following TypeScript, ESNext.

- **React / Mobx**
  1. Worked on React components, Forms, Events, Keys, Router, Animations.
  2. Extensive knowledge in developing single - page applications (SPAs).
  3. Experience with modern build tool chains, like JavaScript frameworks/technologies such as React, MobX.
  4. Extensive working experience with Axios, Lodash, and Next.js.

- **Webpack / Rollup / Lerna**
  1. Experience in using Webpack as module bundler and performing the vast majority of the tasks.
  2. Experience in Lerna tools that optimizes the workflow around managing multi-package repositories.

- **Engineering**
  1. Involved in all the stages of Software Development Life Cycle including Requirements, Analysis and Design, Implementation, Integration and Testing, Deployment and Maintenance.
  2. Worked on version control tools such as Git, integration tools like Jenkins, bug tracking tools like JIRA.
  3. Developed the unit testing scripts using Jest for testing the React components using Enzyme and react-test-renderer.

Project

Visualization System

1. Based on ECharts encapsulation platform style chart library, its complex json configuration is packaged into an easy-to-use UI configuration.
2. Combined with the platform search function, it realizes automatic identification of groups, indicators and other information to predict user expectation chart display.
3. Realize drag-and-drop, multi-theme dashboard, support chart linkage through chart drilling, template variables, etc.

Open Application Platform

1. Customize XML template language, realize XML automatic rendering as React components, encapsulate complex functions such as platform visualization, and facilitate users to assemble components according to their own needs.
2. Support custom visualization, realize a set of chart rendering life cycle rules, and dynamically load user-defined chart rendering logic to the platform through plug-in.
3. Support custom components to load external JS files that meet AMD specifications to the platform, and realize page partial customization.
4. Support custom page, dynamic loading of user-defined applications through the way of iframe, to achieve the communication between the platform and the application routing, prompt information and so on.

Application Platform Base Library

1.@qn-pandora/pandora-component: Encapsulates based on Antd components to make their UI specifications consistent with the platform.
2.@qn-pandora/pandora-app-component: Encapsulating complex components in platform functionality.
3.@qn-pandora/app-sdk: complex logic (such as search) and tool functions in platform functions are encapsulated.

create–pandora–app CLI Tool

1. Create application platform various types of application template CLI tools, oclif command and yeoman generator combined to achieve.
2. Organize the scaffolding of various types of applications on the application platform, and support the functions of local development, joint adjustment, viewing effect and automatic packaging of applications.