






Huilin Cao

 **Front-end Engineer**


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Experience

QINIU – Pandora

2017.12 ~ now

Head of Front-end Team

responsible for Pandora

Product developing

responsible for the
construction of Visual System

responsible for the
construction of Open
Application Platform

BTCC

2016.06 ~ 2017.12

Star Employee

responsible for Blockchain Plus
Product development and
maintenance

responsible for USD Trading
System front-end development
and maintenance

responsible for promoting the
usage of TypeScript company
widely

Skills

- **HTML / CSS**

1. Capable of writing semantic HTML, modularized CSS.
2. Capable of constructing complex layout using Flexbox and complex animation using CSS3.
3. Capable of effectively writing CSS using LESS.
4. Understanding DOM loading and rendering mechanism in modern browsers like Google Chrome.

- **TypeScript / JavaScript**

1. Familiar with TypeScript and its tool in CI/CD process.
2. Understanding advanced type in TypeScript.

- **React / Mobx**

1. Capable of constructing single-page application using React and Mobx.
2. Skilled in using React Hooks.

- **Webpack / Rollup / Lerna**

1. Capable of packing project using Webpack and understanding its principle.
2. Capable of optimizing Webpack packing performance.
3. Understanding the process and mechanism of Rollup.
3. Understanding Lerna, a tool managing multi-package repositories with git and npm.

- **Engineering**

1. Experienced in all the stages of Software Development Life Cycle including Requirements, Analysis and Design, Implementation, Integration and Testing, Deployment, and Maintenance.
2. Familiar with version control tools such as Git, integration tools like Jenkins, bug tracking tools like JIRA.
3. Skilled in using Jest and all sorts of testing technics.

Education

- Hunan University Of Science And Technology
- Internet of Things Engineering
- 2013.09 ~ 2017.06
- GPA 3.7 / 4.0

Project

Visualization System

1. Providing unified style chart components using ECharts with UI configurations.
 2. Providing chart data customization using platform searching functions.
 3. Providing draggable multi-theme dashboard with drill-down and template variables features.
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Open Application Platform

1. Providing customized XML tags for third-party developers to implement their features.
 2. Providing platform standards for customized third-party components, such as the chart, and part or all of the page.
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Application Platform Base Library

- 1.@qn-pandora/pandora-component: Providing unified style base components.
 - 2.@qn-pandora/pandora-app-component: Providing customized complex components.
 - 3.@qn-pandora/app-sdk: Providing complex logic (such as search) and tool functions.
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create-pandora-app CLI Tool

Providing multiple project creation templates, which features like local dev, testing, previewing, etc.

@qn-pandora/search-editor search component

Providing a search component with SPL keyword highlighting, suggesting, and grammar checking features.