Tingrui Li

8 years of work experience, serving as the department leader of front-end development.

INFORMATION

33 years old | 8 Years' Experience | +86 18311375787 |

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JOB PREFERENCES

📁 Software Engineer - Frontend

EDUCATION

2014.9-2016.10
Zhejiang University
Master of Software Engineering

2010.9-2014.6
Guizhou University
Bachelor of Computer Science

WORK EXPERIENCE

2017.2-present	**China Minsheng Banking Corp., Ltd.**	**Front-End Team Leader**

- Responsible for key decisions and team management on front-end development of mobile banking, personal online banking, corporate online banking, WeChat banking, portal website, open banking and other major channels, formulating technical solutions to ensure business delivery.
- Responsible for the construction of the front-end engineering system within the department, component development, version management, development specifications, system optimization, technical management, Web middleware related, preparation for production and problem solving.
- Responsible for the management of front-end personnel of technology subsidiary and department outsourcing teams.

2015.8-2016.8	**Cisco, USA**	**Software Development Engineer (Intern)**

- Responsible for the application layer construction of the OpenBMP open source project in the CTO department of Cisco USA (San Jose), including the management system based on Angular 1.x, data visualization based on D3, Java REST API development, ELK practice, OpenStack setup, MySQL development and optimization.

PROJECT EXPERIENCE

2017.3-present	Minsheng Mobile Banking	Front-end Development Team Leader

Responsible for the front-end technical management and business development of Minsheng Mobile Banking, Mobile Banking Micro Edition, Micro App, Corporate Mobile Banking and other application systems.

- Based on React 15/antd-mobile/react-redux and other frameworks and technologies to build the project, and carry out technical management at the project level, responsible for the engineering of the front-end, the encapsulation and processing of public capabilities and components, jsbridge method encapsulation, front-end performance optimization, etc
- .Independently responsible for the business development and iteration of major functions such as bank wealth management, financial calendar, online customer service, large-denomination certificates of deposit, Micro Edition, and Corporate Mobile Banking.
- Manage the deployment plan and web server (Apache) configuration of the project, and use webpack to implement a set of code output to multiple ends, including App end, browser end, WeChat, etc., to realize the native ability processing, http request, and security verification functions of different channels.
- Carry out performance optimization from code splitting, http caching and gzip, webpack chunk optimization, CDN etc., and optimize the size of the first screen resources of the project by writing Loader and node scripts at the time of build, resulting in approximately 30% improvement in first meaningful paint time and reduction in initial resources downloaded.

2017.7-present	Minsheng Bank's Corporate Electronic Channel	Front-end Development Team Leader/Project Manager

Responsible for the front-end technical management and business development of corporate Online Banking,Trustee Online Banking, Corporate WeChat Service, e-Point Mini Program, and Enterprise Account e+ Mini Program and other corporate channels.

- Based on React 0.14/antd/react-redux and other frameworks and technologies to build the project, and carry out technical management in each project, responsible for the engineering of the front-end, the encapsulation and processing of public capabilities and components, Ubao/password control-related logic encapsulation processing, front-end performance optimization, etc.
- Independently responsible for the development of the projects such as the Ubao/password login page of Corporate Online Banking, the first phase of Trustee Online Banking, corporate Micro-Finance, credit information query, etc.
- Provide a migration plan for the coexistence of new and old technical frameworks, and use iframe embedded React in part of the page under the same domain to realize the gradual migration of the front-end technology of the corporate business from the purchased framework to the self-developed framework and a more modern technology stack.
- Configure webpack plugins to support IE8, and carry out performance optimization from code splitting, http caching and gzip, webpack chunk optimization, etc.

2021.11-present   **Content Operation Platform**   **Project Manager**

Responsible for leading the construction of the system, aiming to build an enterprise-level one-stop content service platform.

- The project management console uses umi.js, providing web page editing functions, including configurable react components, page editors, rich text editors, approval, authority management, content center, etc.
- The rendered page uses the react+redux technology stack, which can read and generate configuration and pull corresponding components to render the final page.
- The system supports syncing content materials from internal or external third parties and process approval and publishing.
- Maintain content rendering app, including functions such as WeChat web authorization, marketing data link statistics.

2020.4-present   **Minsheng Bank Online Store**   **Front-end / WeChat Mini Program Development**

Responsible for technology selection, independently responsible for the development of most of the first phase of the business.

- Based on the React 15/antd-mobile/react-redux and other H5 technologies and the mixed mode of mini program native, independently develop the online store WeChat mini program, and complete the functions such as store information viewing, store navigation, business appointment, wealth management/product marketing, employee style display, mobile banking micro-token wake-up, etc.
- Realize canvas poster generation and save to album / forward, mini program code generation, sharing settings, map navigation and other functions based on mini program native capabilities.

2020.7-2020.12   **Low-code Platform**   **Front-end Development**

Responsible for technology selection and research, and independently complete the development.

- This project is a pilot project, using JSON as input and outputting executable page code to provide a low-code construction tool for the rapid output of form and query pages in personal online banking technology architectural migration tasks.
- Start the project quickly with create-react-app, and use its built-in react-scripts for build and deployment.
- Implement the function of providing preview and available code output based on common scenarios based on JSON input, and provide common templates for easy writing, which can quickly generate code for common scenarios corresponding to the project, reduce the repetitive work of developers, and improve the efficiency of development.

2020.6-2020.9   **Open Banking Developer Center**   **Front-end Development**

Responsible for technology selection, independently responsible for the first phase of the project development.

- This project uses the dumi framework to implement the entire site, which automatically converts MD documents into web pages for deployment, and provides API documentation display, sandboxed simulation debugging, service introduction, etc. for developers of Minsheng Open Banking.
- Develop a node conversion script to realize the function of automatically generating API documentation pages by uploading API documentation Excel of specified format by business personnel, and packing and deploying it.
- Develop sandboxed debugging components to provide display and operation steps, and debugging buttons according to different input and output parameters.
- Debug and solve some browser compatibility issues of dumi (Firefox 45 and other intranet commonly used browsers).