

Zhenlin Chou

Summary

- 1、 8 years of front-end architecture and development experience, proficient in Vue, React and other front-end mainstream frameworks, skilled in html5, css3, javascript and other technologies. Experience in unia pp and mobile development.
- 2、 Experience in component library and micro front-end architecture and development. Practical understanding and practice of front-end performance, security, compatibility, maintainability, etc.
- 3、 Rich experience in front-end team management and general technical management. Overseas working experience and strong English skills.
- 4、 Personal integrity, positive, strong sense of responsibility, practical and willing to work, strong anti-stress ability, good at learning new technologies, willing to explore and solve difficult problems in the project.

Work Experience

CMIC (Shanghai) Information and Communication Technology Co. - Director of R&D 2019.04-Present

1. Responsible for the architecture design, operation and maintenance, and performance optimization of front-end applications of B- and C-side products in the department. Participate in front-end architecture design and development work including the department's core project onepower industrial internet platform (<https://www.onepower.com.cn/>), regional industrial cloud, edge computing platform, user center, smart mine, etc.
2. responsible for front-end team building work. Actively organize the front-end colleagues to conduct intra-group meetings to unify and disseminate the development specification, core modules, etc., as well as to discuss, digest and propose solutions to some major and difficult issues within the front-end to ensure the stability of the front-end systems.
3. undertake the design and development of the core front-end modules and ensure the standardization of the front-end code. Include the design and development of front-end self-research component library, front-end framework scaffolding, user center and other core modules, and also responsible for front-end security vulnerability repair, unified login state, front-end compatibility, performance optimization, project deployment configuration and online release, etc.
4. responsible for front-end key technology verification and technology architecture selection. Including technology stack selection, component library design and development, user center login and permission system design, micro front-end support, front-end skinning and other key technologies.
5. Assist requirement analysts and UI/UE designers and determine product development requirements.
6. Assist front-end development colleagues in various project teams to integrate core modules and perform business development based on architectural design. Also provide technical solutions to major problems in the whole front-end development. Coordinate and guide the front-end colleagues of each

project group to carry out business development and unify the code specification and development process.

7. responsible for the deployment and configuration of the current end and the online release work.

8. Responsible for the preparation of front-end technical specifications and development documents. Including code specification document, front-end development and process document, component library document, front-end planning document, core module integration document, scaffolding planning document, etc.

9. Participate and complete jd writing, resume screening and interview for front-end development position in Industrial Energy Department. Participate in the preliminary test and departmental retest of candidates, and also participate in the interview of school recruiting students and outsourcing staff.

10. responsible for front-end engineering system construction, gradually improve development and delivery efficiency, and ensure product engineering quality.

Proquest - Full Stack Engineer

2016.09-2019.04

1. Responsible for the development and maintenance of the company's main product LAZR (website address: <http://search.alexanderstreet.com/>).

2. Responsible for the development and application of the company's related APIs. Including the application and development of Facebook GraphQL, API and Solr layer and APIClient layer interface, data request and processing, etc.

3. responsible for the front-end architecture and development of the company including the maintenance of Drupal site, API data interfacing and page presentation.

Caching technology construction and development, ImageGallery project architecture and related React component development, Wowbook plug-in integration, etc.

4. Responsible for the development of the company's third-party website support projects (D8 project and Docuseek project), including the authentication and authorization of the website, the back-end editing and management of data and the front-end presentation.

5. Participate in the development of the company's video player Uniplayer (based on JWPlayer kernel).

6. responsible for the development of the company's traffic statistics plug-in (based on SIQ and Squid support).

7. Participate in the development of the company's resource CDN, mainly including the processing, classification and distribution of images on the platform.

8. Responsible for the front-end development of the company's customer editorial management platform (ADMIN PORTAL). (based on Drupal 7 template).

Database Publishing Consultants, Inc. (DPCI) - Full Stack Engineer

2014.12-2016.08

1. Participated in the website construction project of Madison Pharmaceuticals [MDCO] , a US listed company. (Website address: <http://www.themedicinescompany.com/>) Mainly responsible for Drupal

development, front-end HTML/SASS writing and JS programming, website theme structure building, configuration and writing of website panel pages and views, Drupal configuration code module writing, product page writing, homepage related functions implementation, etc. Also responsible for the implementation of the website search function, the display of tables on the investment report page using the XSLT language, and the implementation of the RSS feed function.

2. Participated in the e-commerce website project of The McCall Pattern Company. (Development website: <https://somethingdelightful.com/mccalls/>) Mainly responsible for Drupal development, PHP back-end development and web front-end development. Participated in the design and development of the theme and domain name of 4 sub-sites, the design of product detail pages, including the implementation of the product gallery, the implementation of the image zoom function (Zoom), the implementation of the shopping cart function, the implementation and configuration of the product price rules, the implementation of the customer rating function, the implementation of the product classification and search function, the preparation of the product recommendation view, the implementation of the mall membership function, the implementation of the product settlement and payment The implementation of the product price rules and configuration, the implementation of the customer rating function, the implementation of the product classification and search function, the product recommendation view, the implementation of the mall membership function, the implementation of the product settlement and payment function, etc. 3.

3. participated in the development of Royal Caribbean Help Center (Royal Caribbean Cruise) website project. (Website address: <http://helpcenter.rcclibrary.com/>) Independently responsible for the whole project architecture and back-end development. The main work is to use the latest Drupal 8 related technology to build the website, module development and writing.

The main work is to build the website using the latest Drupal 8 related technology, module development, Telescope-embed page code writing, website related JS function plug-in writing, website configuration function development, etc. 4.

4. Participate in MPA website development and maintenance projects. Responsible for front-end maintenance development and bug fixing of back-end. (Website address: <http://www.magazine.org/>)

5. Participated in the development of the Drupal EMBridge module, which integrates EnterMedia (an external media management database software) into Drupal, thus making it easier to manage media files on the website. Participated in the development of user interface, image URL capture and creation of Thumbnail, pagination, etc.

6. Participated in the development of the Adobe DPS Bridge project for Adobe, mainly responsible for the integration of the Drupal module that converts Drupal page nodes into Adobe DPS Folio and publishes them for configuration on IOS devices.

Project Experience

Intelligent mine integration control platform - Front-end person in charge

2021.01-present

Info:

- 1、 Responsible for the technology selection, overall front-end architecture and core components development of intelligent mine integration control platform.
- 2、 Responsible for the packaging of front-end generic capabilities and front-end and back-end interfacing work.
- 3、 Responsible for the project performance optimization, security, compatibility optimization and other work.
- 4、 Responsible for the project packaging, deployment, online and other work.
- 5、 Responsible for the preparation of project technical documents and other work.

Performance:

- 1、 Completed the product architecture and development of the web and mobile end of the intelligent mine integration control platform, which won the China Mobile Group Excellent Product Award.
- 2、 The product was successfully implemented in Inner Mongolia Mengfa Energy Holding Group Yjinhuluo Banner Mengtai Coal Company Limited, the 5G+ smart mine service project (the total amount of the project is RMB 80 million), and the project won the second prize of China Mobile Group Product Craftsman Award.
3. The product has successfully landed in the 5G smart mine project of Ulan Group, the 5G smart mine project of Haoda Coal Company and the 5G smart mine project of Liujiapo Coal Mine in Yunnan, which has made a series of breakthroughs for China Mobile in the field of smart mine.

China Mobile User Center Unified Authentication Platform - Front-end Architect 2019.06-2021.06

Info:

- 1、 Responsible for the overall architecture of user center front-end, including technology selection, scaffolding construction, component library introduction, axios encapsulation, dynamic routing configuration, global style encapsulation, platform performance optimization and other work.
- 2、 Responsible for the design and development of self-research component library, and apply to the user center platform.
- 3、 Responsible for the design and development of scaffolding plug-ins, and the introduction of architecture-level core capabilities.

Performance:

- 1、 Successfully completed the architecture and development of China Mobile's user center unified authentication platform, and successfully online on the research technology platform, currently docking platform and third-party applications over 50+.
- 2、 Provide two types of user system access, greatly simplifying the interface with third-party applications.

Front-end person in charge of the monitoring and management platform of material mechanics laboratory of China Commercial Development 2019.10-2020.10

Info:

- 1、 Responsible for the overall architecture and core components development of the front-end of China Commercial Development's material mechanics test room monitoring and management platform.
- 2、 Responsible for field camera deployment and parameter setting, and web display of rtsp video stream.
- 3、 Responsible for industrial camera picture timing display and web real-time display of related data.
- 4、 Responsible for the front-end field deployment and front-end and back-end interfacing work.

Performance

- 1、 Successfully completed the project delivery of China Commercial Development Material Mechanics Laboratory monitoring and management platform, which was highly recognized by the customer.
- 2、 To realize the web playback of real-time video streams and encapsulate it into a front-end common component unique to ShangRen.

ALEXANDER STREET Literature Search Platform - Full Stack Engineer 2016.09-2019.04

Info:

- 1、 Responsible for the architecture, R&D and maintenance of the company's main product LAZR platform.
- 2、 Responsible for the development and application of API interfaces. Including the application and development of Facebook GraphQL, API and Solr layer and APIClient layer interface, data request and processing, etc.
- 3、 Responsible for the development of video player Uniplayer (based on JWPlayer kernel).
- 4、 Responsible for the development of platform traffic statistics plug-in (based on SIQ and Squid support).

Performance:

- 1、 Ensure the successful completion of every bi-weekly version iteration of the platform and smooth release on line.
- 2、 Complete the development of front-end Drupal application independently.

The McCall Pattern Company Company eCommerce website Drupal development engineer

2015.01-2015.06

Info:

1. Participate in The McCall Pattern Company's e-commerce website construction project. 2、 Participate in the design and development of 4 sub-website themes and domain names, the design of product detail pages, including the implementation of the product gallery, the implementation of the image zoom function (Zoom), the implementation of the shopping cart function, the implementation and configuration of the product price rules, the implementation of the customer rating function, the implementation of the product classification and search function, the implementation of the product recommendation view. The implementation of the product recommendation view, the implementation of the mall membership function, the implementation of the product settlement and payment function, etc.

Performance:

- 1、 Completed the development of mccallpattern e-commerce website and successfully delivered to the customer and released online.
- 2、 Complete the development of front-end Drupal application independently.

Education

Drexel University- Master's Degree in Computer Engineering 2012-2014

Harbin Institute of Technology - Bachelor's Degree Measurement and Control Technology and Instrumentation 2008-2012