**Jason Moore**



**Basic information**

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**Job intention**

Java (full-stack) software engineer

ReactJS front-end engineer

Node.js full stack engineer

（Willing to apply for a work visa or work remotely）

**Educational background**

Nanchang Hangkong Univ.

Measurement and Control Technology and Instruments (full-time bachelor)

July 2008 - September 2012

**Work experience**

**CLP Jinxin Software Co., LTD. Senior Java full stack engineer**

**2022.05-2023.11.10**

CITIC Bank Customer-Risk-Reporting System(Java Reverse Engineering)

* Front-end optimization

1. Adjust the Ext page properties to ensure that the project page is

compatible with IE5 and Chrome browsers

1. Write native JavaScript style components to ensure consistency between IE5 to IE8 and Chrome page styles
2. Fix the original layout and style defects of Ext.js, such as misalignment of GridPanel titles and row records, inability to select row records, etc.

* Multi-thread optimization

1. Data packaging and multi-threading optimization: By using sub threads to generate volumes and then merging them into a main file, the query and file generation time for the original million level data is reduced from 16 hours to about 5 hours (1c to 4c).
2. Data verification system driven optimization development: verify single thread instead of multithreading, and increase Thread pool memory control to ensure stable operation of the system. At the same time, I have a deeper understanding of verification of Domain model (such as rules, data, processes, and relationships between posts).

* File import and export optimization:

1. Excel xls, xlsx format import and export compatibility, data type casting
2. CSV import and export encoding format conversion
3. Implement file import and batch modification, while timely GC reclaims memory to ensure stable system operation

* Project migration

1. Verification rule migration: single table verification, multi table verification rule details sorting, data permissions, user Spark reconstruct DAO layer, verification rule table conversion FEL expression, etc
2. Institutional migration: generation and management of flat institutions

* Maintenance of testing environment and put into production

1. Webshpere 8.5 ND usage and exception handling(for example:IPV4 parse exception, server port conflict exception, SystemOut.log can not write

exception and so on.)

1. automated operation and maintenance platform shell script writing

* Version Control

1. Git, GitLab, coding code management, and Webhook trigger Jenkins packaging and deployment script writing
2. Tag of test/production configuration file changes making

* Project schedule management

Jira task release and tempo reporting

Docking Cockpit Information Collection And Release Of Microservice System

* Message collection

Upload system files to the file server using sftp through jsch.jar

* Message push

Pull each system submission file from the file server to the microservice system, and then send the data to the display system through kafka middleware

* Verion Control

Git, GitLab generated project package, Huawei Cloud (K8s) project deployment project

**Beijing Hank Times Technology Co., LTD. Intermediate Java full stack engineer 2021.04-2022.04**

ICBC Debit Card Project

* Debit card activation back-end development

Involving password verification, encryption and decryption, host interface communication debugging, etc.

* Debit card loss reporting, replacement of physical card mobile front-end (React Native) development
* Debit card payment management

Overseas card lock, online transaction lock, limit adjustment, use certificate encryption and check development, Mock unit test writing

Icbc One-click Card Binding Project

* One-click card binding homepage Mobile front end (React Native) development:

Involved in the display of multi-carrier columns (Apple Pay, Cloud Flash, Huawei Pay) and jump between apps

* Apple Pay One-click card binding:

shows the back-end development of the tied card transformation (involving batch query and batch processing)

* Connect with the language translation system:

Query and display the translation of languages by different countries

* Cloud flash card binding:

List page, card details page, cloud flash App and callback result display (React Native) development

* Learn about UnionPay Payment protocols from the UnionPay Protocol manual:

Communication procedure between card issuer, third-party gateway, Union Mobile Payment System (UMPS), token, tokenOnToken, token lifecycle management

* Coordinate with UnionPay test App and UMPS terminals to prepare and revise test data in the test phase according to UnionPay agreement, so as to ensure test efficiency.

**Zhongzhilian (Dalian) Technology Co., LTD. Java full-stack engineer 2019.11-2020.06**

Tianjin Province People's Fine Arts Publishing House - primary And Secondary School Calligraphy Course Project

* Interconnect with Alipay (sandbox test) and wechat Pay to complete the payment function
* XLS package + template file to generate Excel payment reports
* Use jQuery and Bootstrap.js front-end framework to complete page layout, form verification, and asynchronous communication
* Like, collection, share function design and development
* Springboot integrates Shiro framework, configurates EhCache management, RocketMQ dead Letter Queue order Timeout processing, and @Configurable
* Interconnects with OOS object storage management system of Alibaba Cloud to achieve network video playing and resource upload management functions
* Small program - Zhaopin online small class
* Design interface and wechat mini program front-end cooperation to complete the project development
* to achieve the like, like, favorites and other functions of the table design and implementation
* Image compression and Intranet penetration are used to coordinate the front and rear ends
* Server war package deployed in windows environment and tomcat SSL protocol configured
* Based on ES6 and React.js, use webpack and yarn package management to develop and deploy the Web management side of background data
* Nginx Cross-domain configuration

**Beijing Agreed Technology Co., LTD. Java full stack engineer**

**2019.02-2019.10**

Dalian Bank Web Management Terminal Project

* Use Ext.js front-end framework for page layout, form validation, asynchronous communication, IE8 compatibility.
* Use Spring, SpringMVC, Struts2 to complete CRUD business, file upload, Exel report generation, printing and preview,
* Use the BSMS development platform to manage personnel information, roles, rights, and menus
* Use the XLS package + template file to send data in XML format and provide Socket communication services
* Deploy the project war package using WebSphere, Linux
* Use PL/SQL to create Oracle database views, synonyms, indexes, data comparisons, and more

**New Weiyu Technology Co., LTD. Java full stack engineer**

**2018.01-2019.01**

Construction Company ERP Project

* Complete business development according to the open source personnel management system
* Confirm the service requirements and approval process
* Complete the approval process development using the Activity workflow
* Use HTML/CSS to complete the search bar, data display bar components, adaptive style templates;
* Use IDEA, SQLyog, SVN, Git and SSM framework to complete various service development, such as CRUD, borrowing, printing and other functions;
* Personnel information management, roles, rights, menu management
* Use the Intranet penetration tool to perform remote tests
* Use WebSphere to complete project deployment

**Beijing Zhicheng Technology Co., LTD. Java Engineer**

**2017.01-2017.12**

Portal Home Page Maintenance

* Using PS to cut, color, generate, and optimize web format images based on style drafts
* Use HTML/CSS to design the layout and style of the page
* Use the jQuery framework to get nodes to complete form verification, asynchronous requests, and JSON format data interaction
* Use JavaScript to display reports, rotograph components, and popularity rankings

**Skill and specialty**

* 1.JavaScript/TypeScript: Dom manipulation, asynchrony, closure, etc., IE event compatibility
* 2.HTML5/CSS layout: multi-column layout, adaptive layout, animation, IE style compatibility
* 3.jQuery.js, Ext.js: get node, form verification, asynchronous communication, layout, etc
* 4.SSH, SSM, SpringBoot MVC architecture and shiro, Shiro-ehcache, redis-cache, activity integration and configuration
* 5. Manage jar packages for maven, npm for Node.js, and yarn packages
* 6.Mysql/Oracle tables, Views, Synonyms, Index Optimization, Stored procedures
* 7.webshpere deployment, Docker container, Docker Compose configuration, linux commands, permissions
* 8. Vue. Js/Angular. Js/React. Js/Express/Koa/NestJS/ GraphQL
* 9. Safety: BASE64 and SHA-256 with salt
* 10. Wechat Pay, Alipay Pay, Alipay sandbox test, etc
* 11. Learn about SpringCloud producer, Consumer Ribbon, registry, fuse configuration
* 12. Familiar with RabbitMQ (publish subscription, reliable delivery, dead letter delivery, clustering), Kafka, zookeeper and other middleware
* 13. Familiar with distributed database Redis database, slot slot, distributed lock design principle, MongoDB, ElasticSearch, sharding, cluster
* 14. Understand UnionPay public key configuration, generation, verification
* 15. Familiar with multi-thread development, Thread pool (memory control, concurrent quantity) optimization
* 16. Use aiXcoder as the code generation tool and chatGPT
* 17. Familiar with basic concepts and deployment of Kubernates, Microk8s, and Rancher
* 18. Devops related: Git, gitLab, Jekins installation and use, Coding, Atrifactory use
* 19. Be familiar with Hadoop, Spark and other big data related software deployment and basic applications
* 20. Familiar with AWS(EKS, VPC , Public and private subnets with NAT gateway, RDB, S3 bucket strategy, Rout53, SMS, SQS, Lambada), Aliyun OSS and so on.

**Self-evaluation**

* Quick to adapt and good at problem solving.
* Have been exposed to computer principles, network, operating system, web dynamic effect, JavaWeb development, deep learning and other related knowledge and skills.