



ZhangChao



male | 28 years old

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7 years of work experience

| Job intention: Full stack engineer

Professional skills

Familiar with using PHP and MySQL database operations, MySQL optimization;

Familiar with using thinkPHP and laravel framework;

Familiar with using Redis database;

Familiar with using RabbitMQ messaging middleware;

Familiar with using html, css, js, and jquery front-end technologies;

Familiar with using vue and TdesignUI antdesignUI framework;

Work Experience

Shanghai Duoke Shangping Network Technology Co., Ltd. Full stack engineer 2024.01-present

- 1、 Develop the corporate PC management background page。
- 2、 Develops H5 and WeChat mini program pages。
- 3、 Develops and interconnects front-end and back-end API interfaces。
- 4、 responsive official website development。

isof tstone Full stack engineer 2017.03-2003.12

- 1、 Mainly responsible for commodity module, shopping cart module, order module, flash purchase module development。
- 2、 Development of front-end pages for PC background management。
- 3、 H5 and WeChat Mini Program page development。
- 4、 Third-party payment service development。
- 5、 API interface development and interconnection。

Project Experience

saas mall Full stack engineer 2017.03-2003.12

1、 Project description:

SaaS mall project, an independently developed e-commerce system that provides distribution, flash sales, grouping, coupons and other functions。 Covering official accounts, mini programs, H5 and other terminals。 Sold in software stores。 Official website: <https://www.zjhejiang.com>。

2、 Technology stack:

•Programming languages: PHP, Vue;

- Framework: ThinkPHP, TDesign;
- Database: MySQL, Redis;
- Cloud platform: Tencent Cloud;
- Development tools: phpStorm, Visual Studio Code, Git;

3. Job responsibilities:

Mainly responsible for the development of product module, shopping cart module, order module, and flash sale module.

- Flash sale module: flash sale product display, flash sale countdown, flash sale rush purchase, flash sale result notification.
- Product module: product SKU addition and list display, product details page, product search and filtering.
- Shopping cart module: add products to shopping cart, add and subtract products, checkout shopping cart, coupon use.
- Order module: order generation and confirmation, order payment, order status tracking, order refund and cancellation.

Technical challenges and solutions: High concurrency processing of flash sale products: use Redis and other memory databases for preheating and caching to reduce database access pressure. Overselling problem: through optimistic locking and Redis atomic operations, ensure accurate product inventory and avoid overselling. Traffic peak shaving: use message queues to asynchronously process order requests.

Advertising screen software system

Full stack engineer

2017.03-2023.12

1、Project description:

The advertising screen software system is a software system specifically used to manage and control the placement of advertisements on LED large screens. Merchants can complete the process of selecting the placement location and time, uploading advertising materials, submitting orders, and payment through the mobile phone H5 terminal. The placement location will play the user's advertisement at the time specified by the user. LED large screens cover high-traffic areas such as shopping malls and elevators.

2、Technology stack:

- Programming languages: PHP, Vue;
- Framework: ThinkPHP, TDesign;
- Database: MySQL, Redis;
- Cloud platform: Alibaba Cloud;
- Development tools: phpStorm, uniapp, Visual Studio Code, Git;

3. Job responsibilities:

1. Content Editing and Production Module

Template Library: Users can select templates and edit them according to their needs. Professional advertising content can be quickly produced without professional design skills.

Online Editing Tools: Support users to edit advertising materials online, including text, pictures, excluding videos, to achieve personalized customization.

2. Advertising Delivery and Management Module

Device Management: Allows users to add, delete, and modify the information of advertising playback devices, such as TVs, display screens, etc., and supports simultaneous management of multiple advertising screens.

Playlist Management: Users can create and edit playlists, set the playback order, time, number of times, and

other parameters of the advertisement.

Remote Control and Off-site Delivery: Support users to control multiple devices in different network environments, realize off-site delivery and remote control, and improve the flexibility and efficiency of advertising delivery.

3. Data Analysis and Optimization Module

Data Collection: Collect various data during the advertising playback process, such as the number of views, dwell time, click-through rate, etc.

Effect Analysis: Analyze the collected data and evaluate the advertising delivery effect, such as conversion rate, ROI, etc.

4. User authority management module

Multi-level user authority: grant different authorities according to different identities such as administrator, auditor, operator, etc. to ensure the security of the system and the standardization of operations.

Role management: support user-defined roles and assign corresponding authorities to adapt to different organizational structures and business needs.

5. Content review and filtering module

Content review: review the content of advertisements to ensure that the content complies with laws, regulations and ethical standards, and avoid the spread of pornographic, violent, terrorist and other negative information.

Pornographic, violent and terrorist filtering: filter pornographic, violent, terrorist and other content through algorithms or manual methods to reduce the pressure and risk of manual review by customers.

6. Other functional modules

Equipment status monitoring: real-time monitoring of the status of advertising playback equipment, such as online/offline, failure, etc., to ensure the normal operation of the equipment.

Education

The Open University of China	College	computer network Technology	2023-2026
Shanxi Diesel Engine Factory Technical High school School	high school	computer numerical control	2013-2016