

Not as powerful as GPT-4, but still a web development engineer with 4 years of practical experience. Now working in ByteDance

Education Experience

Shanghai Jiaotong University

Bachelor

School of Electronic Information and Electrical Engineering, Department of Automation

Working Experience

ByteDance

Web Engineer 2020.12 - now

OceanEngine - Creative Material

Responsible for OceanEngine Material Center (MC) and OceanEngine Creative Center (CC), providing creative exploration, material management, pre-launch testing, post-launch diagnosis and other capabilities for advertisers and optimization specialists.

#React #Vue #NodeJS

- Responsible for product iteration and maintenance of MC, mainly developing and improving the platform's material management and post-launch diagnostic capabilities. Worked with PM team to determine user satisfaction metrics and implemented various collecting methods such as heatmaps, funnel tracking and pop-up questionnaires. Currently, the platform has a daily average UV of 30k+ and a user satisfaction rate of over 80%.
- Responsible for performance and experience optimization of MC. Within one month of taking over the project, independently established an error reporting/monitoring system for the front-end and BFF, has identified and fixed more than 20 outstanding online issues. Online front-end lagging rate has been reduced by about 10%, and BFF stability has been maintained at 99.99%.
- Responsible for CC's creative diagnosis module. Completed multiple iterations of the module, providing diagnostic and analytical capabilities for crowd analysis, competitiveness, and creative ecology analysis in different dimensions. Daily average UV is 4k+.

OceanEngine - DOU+

DOU+ is a promotion tool provided to Douyin creators, which can quickly enhance the exposure effect of videos. Currently, users can access DOU+ from Douyin app embedded WebView and PC web pages.

#React #BFF #NodeJS

- Led the landing and construction of the PC side project from 0 to 1, participated in the technology selection from the beginning of the project. Responsible for the technical scheme design of key sections such as the video boosting order page, user homepage, and data analysis page, and completed the launch of front-end & BFF. Currently the site's average daily PV is 20k+.
- Participated in multiple performance optimization projects on the embedded webview side, mainly responsible for optimizing the order page for live room boosting, the universal payment component, and the order detail page and invoicing pages. By code refactoring, removing offline business logic, and optimizing API parameters, both page loading performance and component reusability have been improved.

- Responsible for the development of CI/CD automation tools for the front-end team. Developed a pipeline bot with NodeJS & Feishu OpenAPI from scratch, which is suitable for Monorepo scenarios. It supports quick deployment of integration environments and releases, and helps reduce team collaboration costs. It also won the third prize in the company's internal Feishu bot development competition.

Ad Commercialization Platform - FeelGood

FeelGood is a user experience research platform that provides multi-end SDKs and allows for flexible configuration of embedded/standalone survey on web pages to collect user feedback, with support for visual data analysis. Currently, there are hundreds of business lines within the company that have integrated the platform.

#React #Svelte

- Participated in the iterative development of the product's functionality. By incorporating user feedback, actively pushed the PM to improve the platform's features. Specifically, responsible for the standalone survey upgrade project, completing the development of functionality for the survey editing page and JS SDK. After the upgrade, the conversion rate for standalone survey increased by nearly 30%.
- Based on the high-frequency usage scenarios, designed and developed a text-selection feedback plugin that allows document-oriented projects to quickly integrate with the main SDK. The plugin has been downloaded over 12k times within the first year of release.

IQIYI

Full Stack Engineer 2019.03 - 2020.11

Douya Emoticon Service

Douya Emoticon Service is an online service that provides a massive collection of emoticons and animated GIFs. It can provide exposure to artists and brand IPs via IQIYI matrix.

#Vue #Java #Python #MySQL #ElasticSearch

- Developed an image similarity retrieval service for screening and filtering similar images in the image library. Participated in the early stage of technical research, designed an implementation plan based on image vector algorithms. Responsible for building API service and integrating it into the image storage process of the Douya Emoticon Service. The image retrieval recall rate is 98.3%, filtering out more than 10k similar images from the image library.
- Participated in the front-end and back-end development of the content management system, cooperated with PM/OP colleagues to meet various needs for external cooperation and promotion. Responsible for developing key modules such as image library review management and image exposure data statistics, and capable of independently completing full-stack development and database operations. The developed modules received positive feedback from partner colleagues.

Hobby Skills

- Experience in Java/Golang/Python development: used in company and personal projects.
- Knowledge of Web3 and blockchain: have internship and graduation project experience.
- Knowledge of Blender/Three.js/WebGL: used in personal open-source projects [🔗 link](#)

Brief Introduction

I am a web development engineer specialized in frontend development. With a strong learning ability and excellent communication skills, I approach product requirements and code quality with meticulous attention to detail. I aspire to join a top-tier team to collaboratively build projects that resonate with a larger user base.