

Joey MA

Tel 1350003xxxx  mason_joe
 <https://joey.gq>  joejoey.ma@gmail.com

Skills

- Web Development: React, Next.js, NestJS, Tailwind CSS, TypeScript, Redux, Zustand, Tanstack Query
- Web Frameworks: MedusaJS, NextAuth, WebSocket, GSAP, Aceternity/shadcn UI, Ant Design. Proficient in build tools such as Webpack and Vite. Skilled in front-end performance optimization, including code optimization, package optimization, and resource optimization, tailored to specific business scenarios.
- DevOps: Prisma, PostgreSQL, GraphQL, Redis. Familiar with Docker container deployment, Kubernetes clusters, caching, load balancing, Sentry.io event logging, automated testing with Jest, and CI/CD (GitHub Actions).
- Cloud Platforms: Experienced with Azure and other cloud platforms such as AWS, Google Cloud, Vultr

Work Experience

Guangdong Logistics Co., Ltd. (Feb 2021 - Jul 2024)

- Position: Full-stack Engineer - Engineering & Architecture Team
- Rebuilt and restructured the company's complex front-end ERP system. Migrated from outdated architecture to a more modern, efficient one.
Handled high data concurrency, cross-department collaboration, and system integration. Optimized the system's performance under heavy loads using containerized deployment and disaster recovery solutions.

Guangzhou Cross-border Co., Ltd. (Feb 2020 - Feb 2021)

- Position: DevOps & Front-end Developer
- Developed a cross-border e-commerce platform from concept to production.

Projects

ERP/OS/Business-Finance Integration/Inventory and Logistics Management SaaS

- Reconstructed the front-end system to ensure UI consistency and responsiveness across multiple devices, including transport personnel handheld devices and driver control systems.
- Architecture: Designed a microservices architecture with a BFF layer using GraphQL to streamline data flow, reduce API requests, and optimize query efficiency.
- Real-time Vehicle Tracking: Implemented WebSocket for real-time GPS data transmission, improving the vehicle dispatch process with dynamic routing and enhanced scheduling algorithms.

- Monitoring and Recovery: Integrated Sentry.io for real-time logging and error capture. Deployed a Kubernetes-based disaster recovery solution to ensure high availability in case of system failures.
- CI/CD: Automated testing and delivery using Jest and GitHub Actions.

Business Data Visualization & Analysis Platform (ToB)

- Used GSAP for smooth animations, resolving hydration errors during rendering.
- Developed an AI-driven strategy analysis platform that generated visual reports and conclusions from raw data using user prompts.
- Optimized image loading and reduced the initial load time from 5 seconds to around 300ms by implementing lazy loading, useTransition, and image preloading.
- Enhanced data analysis with vector database similarity detection, improving the focus of AI prompt answers.

MedusaJS-based E-commerce Solution

- Developed a cross-platform POS system with Node.js for product scanning and checkout.
- Integrated Stripe for payments, utilizing MedusaJS's plugin system to customize payment gateways and manage webhooks.
- Applied react-i18next for dynamic namespace loading to reduce network requests and improve HMR support.
- Deployed a ChatWoot-based live chat system, integrating custom knowledge base files and ChatGPT for automated response generation, increasing conversion rates.

Customer Sales Analytics System

- Implemented modules for user behavior tracking (product views, cart additions, purchases) using event tracking and performance monitoring (FP, FCP, DOM Ready).
- Built a system to monitor anomalies in sales, such as high refund or cancellation rates, using ECharts to visualize sales trends.
- Optimized data handling during high-volume sales events, ensuring stable - operation through data caching and asynchronous reporting.

Education

South China University of Technology

Degree: Bachelor of Computer Science and Technology

Language : Cantonese,Mandarin,English.