




Kenjiding

Senior Full Stack Engineer

7 Years of Experience


CONTACT

 Work Visa, Expiry: 09-2028

 +61 0421259261

 kenjiding807@gmail.com

 kenjiding.com

 100+ star open-source project

EDUCATION

University of Shao Guan
Bachelors Degree
2013/09 - 2017/09

TECHNICAL SKILLS

Frontend

JavaScript TypeScript

React Vue Nextjs Webpack

Vite Tailwind

Micro Frontend

Backend

Nodejs JAVA Nestjs Koa

Professional Summary

Experienced Senior Web Frontend Engineer with a 7-year track record in developing innovative web solutions. Familiar with developing for various platforms, including desktop, mobile, and web. Skilled in full-stack development, microservices, and cloud technologies. Passionate about exploring new technologies, improving code quality and adopting agile methodologies.

Work Experience

International e-commerce independent website

2023/06 -
now

- Designed and optimized a **high-concurrency** order-snapping service using **Node.js**, **Redis**, and **RabbitMQ**, leveraging **Lua scripts**, distributed locks, and async queues to reduce order processing latency from **200ms to 50ms**, stably handling **100,000** requests per second.
- Enhanced **SEO** for a **Next.js** e-commerce platform by implementing **incremental static regeneration (ISR)** and dynamic sitemap generation, improving page load speed by **30%** and increasing organic search visibility.
- Using **Lambda Serverless** architecture to deploy Next.js applications, optimizing scalability and **40% cost reduction**. Front-end resources hosted on **S3** and **CloudFront** are efficiently distributed via **CDN** routing.
- Implemented **GitLab CI/CD** pipeline to efficiently achieve automated deployment and regression testing, enhancing development and operational efficiency.
- Deployed scalable and high availability full-stack services on **AWS** with **EC2**, **Load Balancer**, and **Auto Scaling Groups**; leveraged **Docker** for containerized

Express Trpc RabbitMQ

MySQL MongoDB Redis

DevOps & Others

AWS Git Action GitLab

Jenkins Docker Nginx

Cypress Jest Electron

React Native

deployment and **Nginx** for efficient traffic routing, enhancing system performance and responsiveness.

- Integrate **Cypress E2E** testing and **Lighthouse CI** for comprehensive testing and performance monitoring, Greatly improved the fault tolerance and maintainability of the project, keep consistently high performance **LCP** scores above **85 points**.

Tencent Technology

2021/05 - 2023/03

BI Visualization Low-code Platform

This is a low-code SaaS platform that allows for the construction of visual pages through a drag-and-drop method.

- Responsible for **core rendering engine**, system design, maintenance, and code review of **low-code BI visualization platform**, Built a **remote plugin system** and **CLI scaffold**, streamlining development workflows and boosting efficiency.
- Built a **serverless** service using Node.js to generate web page screenshots with **Puppeteer** and automatically push them to users, enabling low-cost, maintenance-free automation.
- Collaborated on developing a full-link data processing **SASS platform**, responsible for building the **micro frontend** engineering framework and handling the integration issues of **React** and **Vue** sub-projects, Resolved complex dependency and state management challenges, enhancing system reliability.
- Led the development of the company's internal **business component library**, supporting both full and on-demand imports, enhance the reusability of the same components across different projects, accelerating feature delivery.
- Led the splitting of a large-scale project into **monorepo multi-package** management, making it easier to maintain and decouple. Implemented **multi-version build solutions** for the SASS platform.

YY Live, Bigo Live Technology 2019/04 - 2021/04

Data Content Processing Platform Developer

- Maintaining the core logic of the enhanced **webRTC** interactive live component
- Enhanced project build performance, achieving an **16MB** reduction in package size and a notable increase in build access speed.
- Responsible for developing and maintaining the internal YY live data content processing platform, as well as audio and video streaming playback. Participated in the engineering of remote public library sharing using **module federation**.
- Led the refactoring of the PC project into a responsive project to meet the needs of mobile office work.

Rapeseed Flower Game Technology

2018/02 -
2019/03

Game Store Management System (Desktop)

- Developed a reusable **Electron printing component** and enhanced frontend data caching with IndexedDB and WebSocket.
- Optimized UI animations and image uploads using requestAnimationFrame and canvas-based compression for improved performance.