

# KENJIDING

Senior Full Stack Engineer  
7 Years of Experience

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Work Visa (Expires: 09-2028)

## PROFESSIONAL SUMMARY

Seasoned full-stack developer with a GitHub open-source project (100+ stars) and multiple independent website services built from scratch. Expert in Node.js, NestJS, Express, React, Vue, Webpack, Vite, and micro front-ends, delivering responsive, high-performance applications across PC, mobile, and desktop. Proficient in microservices, AWS, SEO, and performance optimization. Passionate about clean, test-driven code (TDD, E2E) and cutting-edge tech. Independently handled 80% of front-end, back-end, and cloud deployment in collaborative, user-centric projects.

## KEY TECHNICAL SKILLS

### Frontend

JavaScript, TypeScript, React, Vue.js, Next.js, Webpack, Vite, Tailwind CSS, Micro Frontend

### Backend

Node.js, Java, NestJS, Express, Koa, tRPC, MySQL, MongoDB, Redis, RabbitMQ

### DevOps & Others

AWS, Docker, Nginx, GitHub Actions, GitLab, Jenkins, Cypress, Jest, Electron, React Native

## PROFESSIONAL EXPERIENCE

### International e-commerce independent website - (Senior Full Stack Engineer)

2023/06 - now

**Description:** Independently architected and delivered a scalable full-stack e-commerce platform with high availability, low-latency order processing, serverless deployment, SEO optimization, and automated CI/CD and testing pipelines, resulting in significant performance, cost, and maintainability improvements.

#### Tech Stack

Next.js

Node.js

Nest.js

Redis

RabbitMQ

AWS

GitLab CI/CD

- 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 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** scores above **85 points**.

### Tencent Technology (China) Co., Ltd - (Senior Full Stack Engineer)

2021/05 - 2023/03

**Description:** Designed and implemented a SaaS-based low-code platform for enterprise-level data analytics, enabling external database integration, data modeling, field cleansing, and dimension configuration. The platform empowers users to complete the entire data pipeline—from ingestion to BI visualization—without writing any code.

#### Tech Stack

React

Vue

Node.js

Monorepo

Micro Frontend

Webpack

Rollup

Puppeteer

SASS

- 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 - (Mid-level Frontend Engineer)

2019/04 - 2021/04

**Description:** Data Content Processing Platform Developer

### Tech Stack

Web Component   React   Vue   Redux   Vuex   Webpack

- Built a reusable Component library with [Web Component](#) and Shadow DOM, enabling cross-framework integration and powering a design system used by 3+ teams
- 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 - (Frontend Engineer)

2018/02 - 2019/03

**Description:** Game Store Management System (Desktop)

### Tech Stack

React   Node.js   Electron   Webpack

- 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.

## EDUCATION

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**Bachelor's Degree in Computer Science**

2013 - 2017