Li Xiang

📞 +65 80399503 · ✉ herrycodelee@gmail.com · 📶 [Blog](#)

ℹ️ Job Information

- Desired Position: Front-End Engineer | Full Stack Engineer
- Location: Singapore | Remote

🎓 Education

- Master's Degree, University of Science and Technology of China, Software Engineering
- Bachelor's Degree, Nanjing University of Posts and Telecommunications, Automation

💼 Work Experience

- **TikTok**, Live Platform Wallet & Web Architecture **Senior FE Engineer** | 2023.02 - Present

  - Responsible for the development and maintenance of the live platform wallet recharge business, covering PC & H5 (ReactJS) and In-App (Lynx) scenarios.
  - Led infrastructure upgrades for the wallet web front end, migrating from TCE to FaaS platform, reducing deployment time from 30 minutes to 5-8 minutes, and achieving auto-scaling capabilities.
  - Improved CORS solutions, eliminating service disruptions caused by CSRF instability. Led compliance upgrades for US and EU control planes.
  - Developed data services by NodeJS and MongoDB, collecting business performance, stability, and development efficiency data, building a data dashboard and a tickets platform, and providing bot subscriptions for weekly reports.

- **Shopee Singapore**, Engineering Infra **Senior FE Engineer** | 2021.08 - 2023.01

  - Developed front-end systems for access management platforms, server resource management platforms, and service deployment platforms using React, AntD, and NestJS.
  - Contributed to the development of FE Workbench, optimizing the front-end development workflow and improving deployment efficiency.
  - Participated in the development and improvement of micro front-end architecture.

- **Trip.com**, International Hotel Booking Business **Senior Software Engineer** | 2018.12 - 2021.08

  - Led front-end tech stack revamp, refactoring hotel booking front-end code by ReactJS and NodeJS. Implemented isomorphic rendering to enhance performance and SEO.
  - Developed tools and component libraries, extracting common utilities and components for online and H5 applications, maintaining ~30 npm packages within a LernaJS monorepo.
  - Improved the development workflow by integrating GitLab CI/CD, refining the testing pipeline, and adopting TypeScript and Jest, achieving 60% unit test coverage for core business features.
  - Conducted continuous performance optimization, including Webpack code splitting, on-demand component loading, image lazy loading, minimal multi-language fetching, streaming HTML delivery and so on

- **Thorsianway Suzhou Limited**, **Software Engineer** | 2017.03 - 2018.11

- Developed a low-code UI design tool for smart devices (e.g., automotive dashboards, washing machine touch screens) on web using AngularJS, Express, and MongoDB.
- Built a sales and operations management system using DVA, AntD, Koa2, and MongoDB.
- Developed a ticket management system with Bootstrap, jQuery, and EJS template rendering and built a custom lightweight MVC library.

🛠️ Skills

- HTML/CSS/LESS/SASS, JavaScript/TypeScript
- ReactJS/VueJS/Lynx, AntD/Arco/SemiDesign, TailwindCSS/Bootstrap
- NodeJS/ExpressJS/KoaJS/NestJS, MongoDB/Redis
- Webpack/Vite, JestJS