

LI XIANG

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Education

- Master, Software Engineering, University of Science and Technology of China, Sep 2014 - Jul 2017
- Bachelor, Automation, Nanjing University of Posts and Telecommunications, Sep 2010 - Jul 2014

Professional Experience

- Shopee Singapore Private Limited, Senior Engineer, Aug 2021 - now

Responsible for the frontend development and maintenance of Shopee Engineer Infra platform which using ReactJS, Typescript, Ant Design and NestJS

- Responsible for the frontend development and maintenance of Server Management, Job Platform, Shopee Access Management, CronJob Management.
- Code refactoring. This includes refactor Class components and JS files, dependency upgrades, and optimizing the configuration of the development and test environment.
- Migrating old project to new Micro front-end Framework (WIP).
- Participate in the development and discussion of front-end code styles and summarize the Style Guides and Lint rules.

- Trip.com Group Limited, Senior Software Engineer, Dec 2018 - Aug 2021

Responsible for the development, maintenance of Trip.com international hotel business front-end applications which using ReactJS、Typescript、KoaJS、Typescript and Lerna。

- Responsible for the development and maintenance of Trip.com hotel front-end application. Using React and Koa to refactor the application. Including CSR and SSR isomorphism, multi-language switching, network request isomorphism and so on.
- Responsible for the development and maintenance of common libraries. Use Monorepo's solution to maintain and distribute NPM Packages for reuse of codes and components on both PC and H5 projects.
- Responsible for the development and maintenance of business components across departments. Such as airfare and hotel cross project, EDM(mail marketing) component.
- Performance optimization and improvement. It includes code segmentation, on-demand resource loading and preloading, lazy image loading, SSR rendering using renderToNodeStream, React runtime optimization, etc.
- Optimize the business development process. Introduce Jest unit tests and optimize CI/CD configuration.
- Monitor and resolve emergent problems. Resolve an urgently online node memory leak.
- Maintain Java Spring-based Backend for Frontend (BFF) projects due to the adjustment of organizational structure.
- Technology sharing. Share and discuss new technologies and problems and solutions encountered.

- Thorsianway Suzhou Limited, Software Engineer, Mar 2017 - Nov 2018

Thorsianway is a start-up enterprise under Tsinghua University Suzhou Automotive Research Institute which focusing on the design of automotive LCD instrument display control chips and systems.

Responsible for the development and maintenance of browser-based low code, graphical WebIDE product which using Angular、Canvas API、Express、MongoDB.

- Responsible for the fullstack development and maintenance of the graphical WebIDE.
- With reference to Keynote and PowerPoint product design, use Canvas API and FabricJS to achieve graphical editing of graphical UI.
- Use ExpressJS and MongoDB to build the application server.

Skills

- Be familiar with HTML/JavaScript/CSS. Familiar with standard flow layout, experience in responsive development; Familiar with LESS/SASS.
- Familiar with ReactJS, VueJS, KoaJS, NestJS and their ecology. Have developed and maintained large scale Web applications, and have some understanding of performance optimization and principles.
- Familiar with Webpack usage, configuration, and its ecology. Familiar with writing unit tests using Jest and enzyme. Familiar with Git.
- Used Express and MongoDB to develop the Server service. Used Java to maintain the BFF server.
- Used Canvas, Antd, Angular, Bootstrap, Uni-App and other tools to develop front-end applications.

Self Assessment

- Enjoy programming and Web technology. Like clean, easy to understand and easy to maintain codes.
- Strong learning ability, good at solving problems, willing to share.
- Optimistic and cheerful, get along well with colleagues.