Yanning Zhao - Full-Stack Engineer

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Summary

3+ years experience in full-stack development at one of the world's top 3 online travel agencies
Experience of working in Agile development environments
Quick learner with the ability to adapt to new technologies and challenges
Strong teamwork and communication skills, fostering collaboration and project success

Skills

- Languages: Java, JavaScript, TypeScript, HTML, CSS
- Tools: Node.js, Vue3, React, Springboot, Koa

Education

Washington University in St. Louis, McKelvey School of Engineering	2018/08 −3 2020/05
Master of Computer Science	St. Louis, MO, USA
Huazhong University of Science and Technology	2014/09 − 2018/06
Bachelor of Engineering Major in Software Engineering	Wuhan, Hubei, China

Work Experience

Trip.com	2021/03 − 2023/12
Software Engineer	Shanghai, China

- Full-room strategy configuration platform

- Developed and deployed a frontend website connected to **MySQL** database using **React** and **Umi**.
- Implemented the strategy rating system with **Java SpringBoot**.
- Abstracted and encapsulated a series of components of strategy rules, enhancing rule and workflow configuration systems.

- Reconstruction of the Customer-Service-WorkStation

- Separated the frontend and backend of the former system, eliminating string splicing for HTML generation.
- Refactored business logic to the backend using **Java**.
- Optimized the efficiency of interface calling by replacing synchronous interface calls with **asynchronous** calls by up to 30%.

- Mobile app component library

- Established a **mono-repo** front-end component library with **pnpm**
- Enhanced the invocation of components by incorporating both functional and componental references.
- Developed an auto-documentation script and auto-deployment system using **Storybook** to automatically generate documentation for the component library, providing easy reference for the team.

- Front-end application infrastructure

- Standardized the directory structure and framework (**Vue3 + Vite + Koa**) of 20+ front-end projects.
- Utilized multi-page packing with **Vite** for projects with multiple pages, reducing page loading time by up to 60% (**from 1600ms to 650ms**).
- Optimized the deployment of static resources to seamlessly adapt to different deploy environments.