

Tianyou Lan

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Work Experience

AutoX

Jan 2022 – Present Frontend Engineer

- Independently gathered requirements, designed UI and developed frontend for vehicle management platform and deep learning model deployment platform.
- Applied React and Redux for component-based state management to improve app performance and stability.
- Built type-safe complex forms with Zod and React Hook Form to improve code reusability.
- Visualized AI model metrics using Visx and D3 for easier multi-version comparison.
- Optimized dev workflow using Vite to boost team collaboration efficiency.
- Designed styles with Tailwindcss to improve page response speed and UX.
- Leveraged Rome for code linting and formatting to maintain high quality and consistent coding style.
- Established department monorepo on Turbo Repo for shared UI components and configs.
- Developed BFF services with Rust to optimize disk usage by 5x for vehicle services.

ByteDance

Feb 2021 – Jan 2022 Frontend Engineer

- Worked on e-commerce customer service system, responsible for UI design and logic implementation.
- Developed e-commerce customer service SDK using postMessage for duplex communication.
- Applied GraphQL for data query and manipulation, simplified backend API calls and improved efficiency.
- Built Koa BFF layer to integrate backend services and process data.

Unemployed

Jul 2020 – Feb 2021

Self-studied programming and frontend tech stack.

Skills

- Proficient with React, Redux, GraphQL, Koa and other frontend tech.
- Experienced with TypeScript, Vite, Tailwindcss, Rome and other frontend tools.
- Fluent in English reading, writing, speaking and listening. Can efficiently write technical docs and communicate with overseas teammates.
- Good at teamwork, proactive in learning and sharing new technologies.

Education

Shanghai University of Finance and Economics

Sep 2016 – Jul 2020 Statistics