

Anyu Liu

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Skills

Languages: Java, TypeScript, JavaScript, SQL

Cloud & Infrastructure: Amazon Web Services(AWS), Kubernetes, Docker, CI/CD

Frameworks & Systems: Spring Boot, SpringCloud, Next.js, React, Vue, Node.js, Redis

Experience

Full Stack Developer, Junior Ningbo International Logistics Development Co., Ltd Mar. 2023 – May 2025
[Product Development Department 4] [Ningbo, On-site]

- Fully engineered the stocks inbound module of Warehouse Mangement System with Spring Boot and Vue.js, processing 1000+ daily inbound goods accross 50+ SKUs.
- Owned the development of a SpringCloud Microservices smart locker module (RESTful APIs & UI) for remote hardware control, facilitating 100+ hands-free shopping orders at the Import Exhibition Center.
- Automated stocks data ingestion to parse uploaded Excel stocks inbound tickets into Mysql database, reducing mannual inventory entry time by 90%.
- Integrated Ningbo Customs' approval workflows via secure Spring Boot APIs, ensuring international trade compliance and enabling the legal domestic sale of foreign products.
- Developed highly performant and secure authentication module utilizing JWT and Redis, ensuring safe session management and rapid login validation for the users of border-trading system.

Full Stack Developerr, NG Ningbo International Logistics Development Co., Ltd May. 2022 – Feb. 2023
[Product Development Department 4] [Ningbo, On-site]

- Developed 3+ responsive, cross-platform frontend ui using Vue.js, HTML, and CSS to optimize user workflows.
- Collaborated with teammates to analyze system logs and resolve bugs, ensuring seamless API communication between the web application and Ningbo Customs systems, and guarantee the maintenance of new-developed functions.
- Reduced processing time and bugs by over 50% by refactoring the core functions and optimizing backend logic of a complicated goods improval function.

Projects

Leo-Tube Jan. 2026 – Mar. 2026

- Inspired by the youtube-clone project, follow the tutorial to architected a high-performance video streaming platform using Next.js 15 (App Router) and Tailwind CSS for ui, leveraging tRPC to establish end-to-end typesafe API contracts between the client and server.
- Engineered a robust media pipeline by integrating Mux for automated video encoding/processing and UploadThing for secure, scalable file storage, ensuring seamless playback across devices.
- Implemented AI-driven content workflows utilizing the Gemini API and Upstash Workflow to automate the generation of video thumbnails, optimized titles, and descriptions, enhancing metadata quality through background processing.
- Developed a comprehensive user engagement system, including real-time view tracking, like/dislike management, and a multi-threaded commenting engine with support for nested replies.

Asteroid Predictor Oct. 2025

- Collaborated with three developers to develop a full-stack web app using the NASA API to visualize real asteroid trajectories in 3D with Three.js.
- Integrated the OpenAI API to generate AI-driven asteroid reports with interactive graphs in new browser tabs.
- 4th place, Hackathlone (50 teams, 200+ participants)

Education

University College Dublin – MS in Computer Science Negotiated Learning

Sept. 2025 – Aug. 2026

Shenyang University of Technology – BS in Computer Science

Sept. 2018 – Jun. 2022