

Kindred Zhang

Experienced back-end software developer focused on building AI-driven applications and scalable solutions.

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Relevant Experience

Full-stack Engineer, **Wuhan Moozumi Service Co., Ltd.** Mar. 2023 - Present

- Transitioned to cross-border financial services as a full-stack developer, leveraging Java and TypeScript to build scalable and secure solutions. Utilized Spring Boot for backend development and React for frontend integration, delivering high-performance systems to support international transactions and compliance requirements.
- Pivoted to AI product development, taking on the role of product manager while contributing as a developer. Designed and implemented a knowledge base product using Python, focusing on creating an intuitive and efficient platform for internal use. Collaborated with cross-functional teams to ensure seamless integration and adoption across the organization.
- Developed and deployed an AI-powered knowledge management system, enabling offline functionality and supporting various LLM runners like Ollama and OpenAI-compatible APIs. Integrated advanced features such as Retrieval-Augmented Generation (RAG) to enhance information retrieval and decision-making processes.
- Led the end-to-end product lifecycle, from concept to deployment, ensuring alignment with business goals and user needs. Conducted user research, defined product requirements, and prioritized features to deliver a robust and user-friendly AI platform. Provided technical leadership and mentorship to the engineering team, fostering innovation and best practices in AI product development.

Developer Co-op, **Xiaoliu E-commerce Co., Ltd** May 2021 - Feb. 2023

- Collaborated with cross-functional teams to design, develop, and enhance a supply chain procurement system, transitioning from a testing role to a development role within the same company. Leveraged Java to build scalable and efficient solutions, ensuring alignment with business requirements and stakeholder needs.
- Developed and implemented key features for the supply chain system, focusing on optimizing procurement processes, improving data accuracy, and enhancing system performance. Worked closely with product managers and QA teams to ensure seamless integration and high-quality delivery of new functionalities.
- Contributed to the end-to-end development lifecycle, from requirement analysis and system design to coding, testing, and deployment. Utilized Java frameworks and tools to streamline development workflows and deliver robust, maintainable code for the supply chain platform.

Test Engineer Co-op, **Xiaoliu E-commerce Co., Ltd.** Sept. 2020 - Jun. 2020

- Developed and executed test plans for a mobile e-commerce app, covering Android, iOS, and mini-program versions. Conducted functional, regression, and compatibility testing to ensure seamless performance. Used Appium, Selenium, and Postman for automation, improving test efficiency and coverage.
- Identified and tracked defects using JIRA, collaborating with developers for timely fixes. Performed API testing to validate backend integration and ensure data accuracy. Leveraged Jenkins for CI/CD pipelines, ensuring high-quality releases and smooth deployments.
- Collaborated closely with designers and developers to maintain consistent and intuitive user experiences across Starry's iOS and Android mobile apps, conducting thorough cross-platform testing to ensure seamless functionality and design coherence.

Skills

Programming Languages

Java, Python, TypeScript, Golang
HTML, CSS

Libraries & Frameworks

React, Next.js, SpringBoot, Gin
FastAPI, LlamaIndex

Tools & Platforms

Git, GitHub, Vercel, Docker, Vite,
Maven, Storybook, Figma

Selected Projects

API Navigator

Quick API endpoint navigation for multiple frameworks. similar to IntelliJ IDEA's search everywhere feature.

Mind Flow

Developed Open WebUI, a self-hosted, offline AI platform with extensible LLM support and RAG integration.

Education

University of China Radio and Television

Bachelor of Science in Computer Science and Technology

Interests

Northeastern University

Rock music, photography, writing