

Xiaorui Wang

Software Engineer | Frontend & Backend & Mobile developer & Full-Stack

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Education

Master of Science in Informatics | 02/2024 - Today

[USI - Università della Svizzera italiana](#) | Lugano, Switzerland

Bachelor of Computer Science | 09/2011 - 07/2015

[Henan Polytechnic University](#) | Jiaozuo, China

Work Experience

[JD.com](#) | Senior Software Engineer | Shanghai, China | 10/2020 - 07/2023

A leading global e-commerce and supply chain technology company.

- Promoted to P7 from P6 within 2 years due to outstanding performance in designing and implementing a high-performance mobile web container JDHybrid supporting 100+ business teams and 100M+ page views in the JD.com app.
- Designed the JDHybrid architecture with a tech stack covering mobile (iOS & Android), frontend (React & Node.js), and backend (Java).
- Led the iOS technical team, optimizing page load performance with an offline solution, achieving a 30% speed improvement and a 92% error reduction.

[ZTO Express](#) | Software Engineer | Shanghai, China | 07/2017 - 10/2020

A leading express delivery company in China and one of the largest express delivery companies globally.

- Promoted twice and doubled my salary due to outstanding performance in independently developing the Tu Xi Express Supermarket iOS app from scratch.
- Refactored the iOS app using Swift, improving performance by 60% and reducing the crash rate by 80%.
- Integrated Flutter for cross-platform development, reducing development costs and streamlining iOS and Android app development.

Projects & Open Source

[TODO-Calendar](#) 🔗

A clean, minimalist task management calendar emphasizing simplicity and elegance. Built with React, TypeScript, Redux Toolkit, Tailwind CSS, Node.js/Express, and MySQL. Features intuitive UI and seamless user experience.

[DApp](#) 🔗

A decentralized auction web app, it involves block chain technology(Smart contract) and frontend(React), backend(Node), database(Mysql).

[StepApp](#) 🔗

A smart running app for Android, developed in Java, supporting route recording and tracking, along with training plan generation powered by LLM.

[WCache](#) 🔗

A high-performance, thread-safe, and lightweight iOS caching library implemented in C++, supporting both memory and disk caching.

Technical Skills

Programming: Java, JavaScript, Objective-C, Swift, C/C++, Python ...

Mobile: iOS, Android, Flutter ...

Frameworks: React, Node.js, Spring Boot ...

Languages Skills

English: Fluent

Chinese: Native