

# Xiaorui Wang

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

✉ [xiaorui.wang@usi.ch](mailto:xiaorui.wang@usi.ch) | ☎ +41 76 217 5438 | 📍 Lugano, Switzerland

🐙 [github.com/XiaoruiWang-SH](https://github.com/XiaoruiWang-SH) | 💼 [www.linkedin.com/in/xiaoruiwang-sh/](https://www.linkedin.com/in/xiaoruiwang-sh/)

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|------------------------|---|
| Education              | <p>Master of Science in Informatics   02/2024 - 02/2026(expected)<br/><a href="#">USI - Università della Svizzera italiana</a>   Lugano, Switzerland</p> <p>Bachelor of Computer Science   09/2011 - 07/2015<br/><a href="#">Henan Polytechnic University</a>   Jiaozuo, China</p>  |
| Work Experience        | <p><a href="#">JD.com</a>   Senior Software Engineer   Shanghai, China   10/2020 - 07/2023<br/>A leading global e-commerce and supply chain technology company.</p> <ul style="list-style-type: none"><li>• Promoted to P7 from P6 within 2 years for architecting and leading the development of <a href="#">JDHybrid</a>, a high-performance mobile web container serving 100M+ daily page views across 100+ business teams.</li><li>• Designed the <a href="#">JDHybrid</a> architecture with a tech stack covering mobile (iOS &amp; Android), frontend (React &amp; Node.js), and backend (Java).</li><li>• Spearheaded iOS team innovation, implementing an offline-first solution that reduced page load time by 30% and decreased error rates by 92%, significantly improving user experience.</li></ul> <p><a href="#">ZTO Express</a>   Software Engineer   Shanghai, China   07/2017 - 10/2020<br/>A leading express delivery company in China and one of the largest express delivery companies globally.</p> <ul style="list-style-type: none"><li>• Achieved rapid career advancement with two promotions for successfully developing and launching the Tu Xi Express Supermarket iOS app, demonstrating exceptional technical leadership.</li><li>• Led complete app modernization using Swift, resulting in 60% performance improvement and 80% crash rate reduction through advanced architecture and optimization techniques.</li><li>• Pioneered cross-platform development strategy using Flutter, optimizing development efficiency and maintaining consistent user experience across iOS and Android platforms.</li></ul> |
| Projects & Open Source | <p><a href="#">TODO-Calendar</a> 🔗</p> <ul style="list-style-type: none"><li>• A clean, minimalist task management calendar application deployed at <a href="https://todocalendar.live">https://todocalendar.live</a>. Features real-time updates, OAuth2 authentication and JWT-based security.</li><li>• A web application built with JavaScript/TypeScript/React/Redux/Tailwind CSS/responsive design frontend for mobile and desktop, and Java/Spring Boot/MySQL/RESTful api backend, Deployed with Docker and Nginx reverse proxy at cloud server.</li></ul> <p><a href="#">DApp</a> 🔗<br/>A decentralized auction web app, it involves block chain technology(Smart contract) and frontend(React), backend(Node), database(Mysql).</p> <p><a href="#">StepApp</a> 🔗<br/>A smart running app for Android, developed in Java, supporting route recording and tracking, along with training plan generation powered by LLM.</p> <p><a href="#">WCache</a> 🔗<br/>A high-performance, thread-safe, and lightweight iOS caching library implemented in C++, supporting both memory and disk caching.</p>  |
| Technical Skills       | <p>Programming Languages: Java, TypeScript/Javascript, Swift, Objective-C, C/C++, Python</p> <p>Frontend: React, Redux, Tailwind CSS, Flutter</p> <p>Backend: Spring Boot, Node.js, MySQL, RESTful api</p> <p>Mobile Development: iOS (Swift/Objective-C), Android, Flutter, React Native</p> <p>DevOps &amp; Tools: Docker, Nginx, Git, OAuth2, JWT, CI/CD</p>   |
| Languages Skills       | <p>English: Fluent</p> <p>Chinese: Native</p>   |