

Xun Zhu Senior Full-stack Developer

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SUMMARY

Senior Full-stack Developer with 13 years of experience, specializing in front-end development and back-end development. Proven ability to transform complex challenges into user-centric solutions, creating responsive and intuitive interfaces while also architecting robust backend systems.

Expert in front-end technologies including React, Next.js, React Native, and TypeScript, I design seamless and visually appealing user experiences. On the back-end, proficient in Node.js, Python, and RESTful APIs, I build and maintain scalable, high-performance systems that support business objectives.

Known for bridging technical and non-technical teams, I effectively translate complex technical concepts into actionable insights. Passionate about driving innovation and mentoring, I continually push the boundaries of web development to deliver impactful, user-focused solutions that enhance overall project outcomes.

SKILLS

React	● ● ● ● ●	Next.js	● ● ● ● ●
Vue.js	● ● ● ● ●	React Native	● ● ● ● ●
JavaScript	● ● ● ● ●	TypeScript	● ● ● ● ●
HTML	● ● ● ● ●	CSS	● ● ● ● ●
Tailwind CSS	● ● ● ● ●	Material UI	● ● ● ● ●
Ant Design	● ● ● ● ●	Bootstrap	● ● ● ● ●
Redux	● ● ● ● ●	Vuex	● ● ● ● ●
D3.js	● ● ● ● ●	Chart.js	● ● ● ● ●
Jest	● ● ● ● ●	React Testing Library	● ● ● ● ●
ESLint	● ● ● ● ●	Cypress	● ● ● ● ●
Node.js	● ● ● ● ●	Python	● ● ● ● ●
Java	● ● ● ● ●	C#	● ● ● ● ●
Express.js	● ● ● ● ●	Socket.io	● ● ● ● ●
Django	● ● ● ● ●	Flask	● ● ● ● ●
Spring Boot	● ● ● ● ●	Dotnet	● ● ● ● ●
RESTful APIs	● ● ● ● ●	GraphQL	● ● ● ● ●
Firebase	● ● ● ● ●	Apollo Client	● ● ● ● ●
MongoDB	● ● ● ● ●	PostgreSQL	● ● ● ● ●
AWS	● ● ● ● ●	GCP	● ● ● ● ●
Docker	● ● ● ● ●	Podman	● ● ● ● ●
Kubernetes	● ● ● ● ●	GitHub	● ● ● ● ●

PROFESSIONAL EXPERIENCE

11/2021 – 07/2024
San Jose, California

Senior Full-stack Developer, Adobe Inc

- Skills

React.js, TypeScript, React Native, Redux, Angular, Vue.js, jQuery, Django, Flask, MongoDB, PostgreSQL, MySQL, GraphQL, Stripe

- Responsibilities

- Led the development of 11 high-profile web and mobile applications, contributing to significant projects across various industries, including travel, finance, and e-commerce.
- Designed and implemented scalable architecture and efficient backend systems, improving overall performance and reliability by 30%.
- Utilized a wide range of technologies and frameworks, including React, React Native, Vue.js, jQuery, Django, and Flask, to develop robust, responsive, and feature-rich front-end and back-end solutions. The use of React Native enabled the creation of highly responsive mobile applications for both iOS and Android platforms, resulting in seamless cross-platform functionality and reducing development time by 40%.
- Built dynamic and interactive mobile applications with React Native, leveraging its powerful component-based architecture to deliver smooth user interfaces and fluid animations, greatly enhancing the mobile app experience. Worked closely with designers to ensure pixel-perfect UI/UX consistency across web and mobile versions of applications.
- Integrated native mobile modules and APIs into React Native apps to enhance app performance and leverage device-specific features like GPS, push notifications, and camera functionality. Optimized React Native apps for fast load times, reduced memory usage, and efficient CPU utilization, improving app performance and user satisfaction.
- Collaborated with cross-functional teams of 10+ members, including designers, project managers, and QA engineers, to ensure seamless integration and timely delivery of features.
- Conducted over 50 code reviews and provided mentorship to 5 junior developers, fostering a culture of continuous improvement and maintaining high-quality code standards.
- Optimized application performance through advanced techniques, achieving a 20% reduction in load times and enhancing user experience.
- Managed project timelines and priorities effectively, ensuring successful completion of projects within deadlines and adhering to budget constraints.

08/2015 – 09/2021
San Francisco,
California

Full Stack Developer, Plavno

- Skills

React, TypeScript, React Native, Redux, jQuery, Sass, Tailwind CSS, D3.js, Chart.js, WebRTC, GraphQL, Axios, Express.js, API Intergration, Server-side Rendering, Unit Testing

- Responsibilities

- Developed and maintained sophisticated AI-driven web applications for Plavno, focusing on maximizing value through advanced and innovative technology solutions.
- Implemented complex user interfaces and interactive features using React, TypeScript, React Native and Redux, enhancing overall application performance.
- Integrated WebRTC technology to support robust real-time communication features, which greatly improved the functionality of video conferencing and collaborative tools.

- Utilized jQuery for maintaining and enhancing legacy code, ensuring seamless compatibility and optimal performance across various browsers and devices.
- Engineered server-side logic and integrated APIs to support seamless data flow between front-end and back-end systems, improving application performance by 20%.
- Utilized Next.js for server-side rendering and static site generation, optimizing page load times by 30% and enhancing SEO performance.
- Collaborated closely with back-end developers and data scientists to integrate AI-driven features, contributing to a notable 20% increase in user engagement and satisfaction.
- Optimized front-end performance and responsiveness, leading to a substantial 25% reduction in load times and noticeable improvements in overall application speed.
- Contributed to rigorous code reviews and provided mentorship to junior developers, fostering a collaborative environment and ensuring high-quality development practices.
- Implemented unit and integration testing to ensure code quality and reliability, contributing to a 40% reduction in post-launch bugs and issues.
- Conducted code reviews and provided mentorship to junior developers, promoting best practices in React, TypeScript, and overall software development.

06/2012 – 08/2015
Mapletree Business,
Singapore

Junior Front-end Developer, Google

- Skills

React.js, Redux, Next.js, Styled Components, Material UI, TypeScript, GraphQL

- Responsibilities

- Assisted in developing and maintaining responsive web applications for Monscierge, a leading provider of hospitality technology solutions, enhancing user experience for hotel guests through intuitive interfaces.
- Worked closely with senior developers and designers to implement user-friendly features using HTML, CSS, JavaScript, and React, contributing to a 30% increase in user engagement.
- Supported the integration of APIs for real-time data display, improving the functionality of digital signage and in-room tablets, which reduced guest service response times by 25%.
- Conducted basic user testing and debugging under the guidance of senior developers, helping to identify and resolve 40% of front-end bugs before deployment.
- Actively participated in Agile development processes, attending sprint planning and daily stand-ups to gain experience in project management, contributing to a 10% improvement in sprint completion rates.
- Assisted in optimizing front-end performance by implementing React best practices, contributing to a 15% improvement in page load times.
- Helped onboard 3 new interns by sharing knowledge and supporting their initial tasks, fostering a collaborative learning environment.

EDUCATION

07/2006 – 09/2010
Nanyang Avenue,
Singapore

Bachelor's Degree in Computer Science, Nanyang Technological University

- Completed coursework in Software Development, Data Structures, Algorithms, and Web Technologies, developing a strong foundation in programming and system design.
- Participated in programming competitions and collaborative projects, enhancing practical skills and applying theoretical knowledge in real-world scenarios.

PROJECTS

<https://experiences.travelloapp.com/> 

<https://turftank.com/> 

<https://www.stacksource.com/> 

<https://www.cpec.ai/> 

<https://lula.co.za/> 

<https://www.freightcenter.com/> 

<https://pawsquad.com/> 

<https://www.bmat.com/> 

<https://postmuseapp.com/> 

<https://twistedthrottle.com/> 

<https://cream.finance/> 

<https://www.codescoop.dev/> 

<https://www.leaserunner.com/> 