

Dongxu (Phil) Xia

226-975-5580 | Waterloo, Ontario | hsia1993@gmail.com

Experience

Frontend Developer, ActEarn Inc – Toronto

Sept 2024 – Present

- Led the design and development of an internal data analysis tool, driving 200% user growth within three months by implementing data-driven features and conducting A/B testing to optimize user experience.
- Overhauled splash screen and messaging performance, utilizing React Native optimizations and lazy loading to achieve 40-50% improvements in app responsiveness and load times.
- Developed high-performance iOS social media application using React Native and TypeScript, improving user engagement.

Senior Software Developer, Zenlayer – Hangzhou

Oct 2018 – Apr 2023

- Designed and implemented Zenlayer's website architecture with Gatsby.js and Strapi, solving scalability and reliability challenges to maintain 100% uptime, achieving a 90+ SEO score, and driving a 30% increase in organic traffic.
- Built a cloud product self-service platform using micro frontend architecture, overcoming team integration hurdles and enabling independent feature deployment, cutting release cycles by 20%.
- Developed and published NPM packages (form validation library, CLI tool, network topology component), streamlining team workflows and achieving a 20% efficiency boost and 50% faster project setup times.
- Designed a website content text-editing service, reducing content editing time by 30% and improving accuracy in content updates by 25%.
- Reduced development time for list pages by 80% by designing and implementing a Low Code platform with Craft.js, enabling rapid page creation and customization.
- Built a dynamic email generation service using Server-Side React and Headless Chrome, resolving formatting inconsistencies and streamlining email production workflows.
- Led a team of 9, streamlining React.js app development through agile methodologies and weekly task prioritization, improving delivery timelines by 15%.
- Created a web app performance monitoring solution with Lighthouse and Node.js, diagnosing critical bottlenecks and driving a 25% reduction in page load times while increasing Lighthouse performance scores by 20 points over six months.

Software Developer, DAHO Networks – Hangzhou

Sept 2016 – Oct 2018

- Improved user experience by reducing load time by 20% through strategic code splitting and webpack optimization.
- Built a full-featured SD-WAN self-service web app from scratch using React.js, delivering an intuitive and responsive user interface.
- Optimized codebase refactoring using AST tools and Codemod scripts, reducing refractory time by 40%.
- Automated code publication by building CI/CD pipeline with Docker, Jenkins and GitLab hook, reducing deployment time by 30%.

Skills

Frontend: React.js, React Native, Vue.js, Next.js, AngularJS, JavaScript, TypeScript, HTML5, Redux, Webpack, Babel, Cypress, Puppeteer, Jest

UI: SASS/Less, CSS3, Tailwind, Responsive Design

Backend: Node.js, Python, Java, GraphQL, Express.js, Koa.js, SQL, NoSQL, RESTful APIs

DevOps: AWS, GCP, Docker, Jenkins, Git

Architecture: Micro Frontends, Server-Side Rendering

Education

Conestoga College – Web Development

Aug 2024

Dalian Polytechnic University – Bachelor of Engineering

June 2016