

Mia Tian

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SUMMARY

Mia is an accomplished front-end developer with over **8 years of experience** in designing and implementing robust, user-friendly, and high-performance web applications that **serve hundreds of millions of users**. As an innovative thinker, Mia tackles **complex challenges** and **enhances engineering efficiency**, underscoring her commitment to delivering high-quality solutions and contributing to team success.

As a dedicated team player, Mia is passionate about **mentoring junior developers**, assisting coworkers, and collaborating with **diverse teams**. Mia's extensive experience, innovative thinking, and dedication to excellence make her a highly valued member of any team.

WORK EXPERIENCE

Shopee (*Top e-commerce platform in Southeast Asia*)

Staff Frontend Engineer

Jul.2021 – Jul.2023

- Served in the development and maintenance of ShopeePay, the payment system for Shopee. Leveraged a tech stack comprising **Lerna, React, React Native, TypeScript, Sass, Webpack, Yarn3, Node.js** for primary development tasks.
- Collaborated closely with PM, UI/UX Designers, and QA Engineers, creating technical documents based on PRD, UI deliverables, and test cases. Proposed innovative solutions for complex payment interaction processes that **cut delivery time by 50%** and **decreased the module's bug rate**.
- Authored comprehensive unit tests using **Jest** and **React Testing Library** and streamlined codebase by **reducing duplication by 36.2%** through **jscpd**, resulting in a more robust and maintainable codebase.
- Implemented a log reporting system that **reduced live issue resolution times by 70%**, enhancing the productivity of the entire team.
- Writing a set of **Charles proxy mapping rules** to proxy runtime environment requests to the local server. This enabled instant code debugging in the runtime environment and eliminated lengthy deployment, ultimately **boosting debugging efficiency by over 90%**.
- As the team's technical backbone, **remaining on-call till 2:00 AM** during critical promotional events to rapidly address live issues. **Mentored new hires and junior developers**, accelerating their understanding of team operations and technology, and addressing their technical inquiries

Ping An Group (*Fortune Global 500 insurance and finance company*)

Senior Frontend Engineer

Sep.2018 – Jun.2021

- Led the development of the component library using **Vue.js**. Utilized **React, React-Router, Redux, Webpack, AntDesign** and **Node.js** to implement smart city solutions, including PC management systems and mobile websites.
- Engineered a **low-code platform** that allowed operators to configure thousands of operational web pages without repetitive development, Saving about **10 times R&D manpower** hours, and **cutting project costs by 80%**.
- Implemented an **automated deployment solution** for websites using **bash scripts**, which increased **deployment efficiency by 50%** and reduced **deployment errors by 75%**, streamlining team operations and ensuring more reliable delivery schedules.
- Created a customized CLI tool**, integrating the entire workflow for developers, which **boosted development efficiency by over 40%**.

TP-Link (*Top global manufacturer of networking products*)

Frontend Engineer

Oct.2016 – Sep.2018

- Utilized **Bootstrap** and **jQuery** to implement PC systems. Employed **Angular, Ionic**, and **Cordova** to develop a hybrid mobile app. Leveraged **HTML5** and **CSS3** for crafting mobile websites. This multifaceted approach resulted in a seamless user experience across different devices.
- Resolved compatibility issues, significantly improving **cross-browser functionality**. Applied **lazy loading, image optimization**, and **async JavaScript execution** to optimize web page performance, achieving a marked reduction in load times and enhancing responsiveness.
- Utilized advanced technologies available at that time, such as **media screen, percentage, and REM** to develop responsive web pages and ensure optimal viewing experiences on different screens.

Vipshop / User Experience Designer

Jun.2014 – Sep.2016

- Focused on the design and optimization of user payment processes to enhance user experience and transaction efficiency.

EDUCATION

Georgia Institute of Technology

Master, Computer Science

Online

Expected 2025

San Francisco Bay University

Master, Computer Science

Fremont, CA

Expected 2024

Sun Yat-Sen University (*Top University in China*)

Bachelor, Digital Media Art

• President scholarship, Housing Scholarship

• Dean's scholarship

China

2010 – 2014

SKILLS

- Core Techs:** JavaScript, Typescript, HTML/CSS | React/Redux, React Native, Vue.js/Vuex | Algorithm & Data Structure
- Styling & UI:** SCSS/SASS, Less, CSS Modules, Styled Components, Tailwind
- Tools & DevOps:** Webpack, Git, CI/CD, GitHub Actions, Jenkins, Docker, Nginx, Visual Studio Code | Figma | Fiddler, Charles Proxy
- Backend:** Node.js, Express, Koa.js, Python, Flask, Java | MySQL, MongoDB, SQLite | OAuth, JWT | RESTful services, GraphQL
- Unit Test:** Jest, React Testing Library, Cypress, jscpd
- Others:** Machine Learning, OOP, Design Patterns, Agile, Scrum, Network Security | Design: UX/UI, PS, AI, Axure RP

LICENSES

AWS Certified Cloud Practitioner

<https://www.credly.com/badges/1f33eae3-dfc2-4caf-9887-a02eba17cd78>