

Xinyun Zhang

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Summary

Results-driven and motivated Front-end Software Engineer with 2 years of experience in software development. Proficient in React, TypeScript, and JavaScript, with a strong focus on UX/UI and product development. Passionate about staying up-to-date with tech trends and dedicated to delivering high-quality software solutions, with strong leadership and communication skills, and enjoy keeping documentation organized. Successfully delivered multiple React and TypeScript projects with positive user feedback and capable of full-stack development. Have strong passion and interest in working more with DevOps and cloud technologies as next stage for my career.

Work Experience

Frontend Developer, IPIC Pty Ltd, George & Matilda

Aug 2022 - Current

- Responsible for development and maintenance of stock management and finance monitor application using modern technologies like TypeScript, React.js, and further troubleshoot and optimize the system.
- Projects receiving 100% positive user feedback, and result in more beneficial user after the project accomplishment, features benefitting 80+ clinics.
- Implemented feature achieving faster access to multi-source finance data, result in achieved reducing financial report errors which were previous unforeseeable.
- Built design system and layout component to achieve more customized and efficient development process.
- Implemented caching mechanisms and restructure code to reduce API calls, improved overall system performance.
- Engaged with customer and facilitated project from planning to successful delivery.
- **Projects (details in Projects section below):** React Migration Project, Appointment Booking System

Junior Frontend Developer, IPIC Pty Ltd, George & Matilda

Sep 2021 - Aug 2022



- Maintained and implement new finance related features for Angular React applications in TypeScript.
- Feature successfully reveal potential data issues in early stage, improved process in financial reporting, reduced 80% of unresolved finance report issue, and shorten the oldest issue date from more than 8 month to 3 weeks.
- Supported the Tech Lead in developing software solutions in line with the company's vision, and continuously improved technical skills in DevOps, React, Typescript/Javascript, CI/CD, code reviews, and testing.
- **Projects (details in Projects section below):** React Migration Project, Finance Report Application

Engineer Intern, Rose Plastic

Sep 2018 – Sep 2019

- Conduct market data analysis and gather requirements to inform project direction.
- Support Tech Lead in developing solutions aligned with company vision and maintaining data systems.
- Manage client communication to ensure project success.

Technical Skills

-  Core Programming language: TypeScript, JavaScript, Python, SQL
-  Frameworks: Next.js, React.js, AngularJS, Node.js, Express.js, Spring Boot, Flask

- 🗄 Databases: Postgres, MySQL, CouchDB, MongoDB
- 🖥 Operating Systems: macOS, Windows, Linux, Ubuntu
- 🛠 Other tools: Git, Bitbucket, Docker, Figma, Postman, Bootstrap, HTML, CSS, R, C, Java, Matlab, Swift, etc...

Projects

Appointment Booking System

2023

- **Role:** Frontend Engineer and UI/UX Designer
- **Responsibilities:** Designed and prototyped clinical appointments management system project.
- **Technical Skills:** TypeScript, React, Tailwind CSS, Figma, UX Design, Next.js, Prisma, tRPC, Headless Components, Bitbucket.

React Migration Project

2022-2023

- **Role:** Frontend Engineer and UI/UX Designer
- **Responsibilities:**
 - Built hybrid stock and finance system management web application with Angular and React
 - Component design system building, component architecture designs, developing microservices, and project dependencies management
 - Optimized UI rendering and enhanced UX
- **Technical Skills:** TypeScript, Next.js, React, Tailwind CSS, Monorepo, Storybook, Vitest, Jest, Form and Form Validation, Lodash, Headless Components, Webpack, Tanstack Library, Custom Hooks, Design Patterns, Component Architecture, Design System, Custom Hooks, Figma, Regular Expressions, Bitbucket, Docker, Dev-Container, Agile Scrum.

Finance Report Application

2021-2022

- **Role:** Project Manager and Frontend Engineer
- **Responsibilities:**
 - Maintained and implement new features to AngularJS application, including UI design, API design, and frontend development and optimize system speed.
 - The new data investigation and monitoring tool enabled faster access to finance data, achieved reducing financial report errors.
- **Technical Skills:** TypeScript, AngularJS, Docker, Figma, Postman, Jest, Webpack, gulp.js, Angular UI Grid, Bootstrap, CSS, HTML, API Design, Component Architecture, UI-Router, Lodash, Sass, Regular Expressions, Bitbucket, Agile Scrum.

Melbourne University Cluster Cloud Computing Data Analytic Project

2023

- **Role:** Full stack developer, UI/UX Designer, and Project Manager
- **Responsibilities:** Design and developed responsive data visualization web application to visualize and analyze data from multisourced social media platforms using charts, graphs, and map.
- **Technical Skills:** TypeScript, React, Next.js, Flask, Python, Tailwind CSS, GitHub, Ansible, CouchDB, Docker, NLP Sentiment Analysis, MUI, Agile.

Legal Policy Project

2023

- **Role:** Full stack developer
- **Responsibilities:** Developed AI policy structure generator web application based on existing policy documents for legal use in Python with GPT.
- **Technical Skills:** Python, NLP, OpenAI, Streamlit, Docker.

- **Role:** Frontend Developer
- **Responsibilities:** Develop specialized technical skill development in DevOps, React, Django and Flask, Python, PostgreSQL, CI/CD, and implement authentication.
- **Technical Skills:** JavaScript, Python, React, Django, Flask, API Design, Project Management, Git, Jenkins, GitHub Actions, Git CLI, JWT.

Monash University Comfort Lens contact lens management iOS application)

2021

- **Role:** Designer and Full Stack Developer
- **Responsibilities:** Designed and developed an interactive iOS mobile contact lens and prescription management application. Implement real-time geolocation and notifications using the Google Places API.
- **Technical Skills:** Swift, Firebase, Core Data backend database, Google Place API, Figma, GitHub, Gesture.

Keyboard Commercial Website

2022

- **Role:** Designer and Full Stack Developer
- **Responsibilities:** Developed a commercial web application that can process payment transactions for trading keyboards, with the love of keyboard.
- **Technical Skills:** JavaScript, React.js, Next.js, Tailwind CSS, TanStack Query, Sanity CMS, Stripe, Vercel, GitHub.

Education

Master of Data Science, The University of Melbourne**Mar 2022 - Expected Dec 2025****Bachelor of Software Engineering (Honours), Monash University University****Mar 2018 - Oct 2021**

- ["A Curated Personas and Design Guidelines Tool for Better Supporting Diverse End-users."](#) published in 2022 IEEE 46th Annual Computers, Software, and Applications Conference (COMPSAC) Academic research in Human-Computer Interaction (HCI) and User Experience (UX) Design for designing non-biased, highly accessible software applications.

Extra-Curricular Activities

Global Game Jam, Challenge Accomplishment Certificate**March 2023**

- 2023 GGJ is a 3-day hackathon where game developers and designers build a playable digital game within 48 hours, to showcase creativity, project management, teamwork, and development skills.
- Issuing Organization: Global Game Jam, Inc.

NexStar Sprint Pitch Competition, Second Prize Award & Startup's Choice Award Certificate**April 2022**

- Perform comprehensive business and market analysis and develop a go-to-market pitch for startup companies.
- Issuing Organization: City of Melbourne, Foreign Affairs Office of Nanjing Municipal People's Government

Additional Information

Additional Skills: Keyboards Building and keymap coding, GitHub open source project studing, Technical video and blog reading and summarizing

Language: English (Bilingual Proficiency), Chinese Mandarin (Native, Bilingual Proficiency), Chinese Shanghainese