

Xinyun Zhang

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[GitHub](#)

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Summary

Experienced and motivated Front-end Software Engineer with 2 years of experience in software development, with great communication skills and a passion for following tech trends. Seeking a challenging role in a dynamic company where I can use my skills to contribute to the development of high-quality software.

Proficient primary skills: React, TypeScript, JavaScript, UX/UI, Product, Teamwork

Work Experience

Frontend Developer, IPIC Pty Ltd, George & Matilda

Aug 2022 - Current

- Responsible for development and maintenance of web applications using modern technologies like TypeScript, React.js, Tailwind
- Component design system building, component architecture designs, and developing microservices
- Engaged in customer support for the existing code, troubleshoot and optimize the system.
- Produced planning, development, and deployment technical documentation.

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. The new features achieved reducing financial report errors.
- Version control, code reviews, and frontend testing.
- 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, and CI/CD.

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, HTML, CSS, SQL
-  Other Programming language: R, C, Java, Matlab, Swift
-  Frameworks: Next.js, React.js, AngularJS, Node.js, Express.js, Spring Boot, Flask
-  Operating Systems: macOS, Windows, Linux, Ubuntu
-  Databases: Postgres, MySQL, CouchDB, MongoDB
-  Other tools: Git, Bitbucket, Docker, Figma, Postman, Bootstrap, 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.

Data Analytic Project

2023

- **Role:** Full stack developer and UI/UX Designer
- **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.

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
 - Frontend architecture 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. Facilitated project from planning to successful delivery.
 - 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.

Monash University BARD AI (Automatically create and deploy APIs)

2021

- **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.

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 - Present

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)

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

Research Symposium Volunteer

Nov 2022

- 2022 14th Research Symposium for Chinese PhD Students and Scholars in Australia Volunteering
- Issuing Organization: Chinese Association of Professionals and Scholars Australia (CAPS)

Additional Information

Additional Skills and Habits: Build Keyboards, Adobe Photoshop, MS Office, Ceramic, Hiking

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