Xinyun Zhang

📬 Email: xinyunzhang2016@gmail.com   📞 Ph: 0479 189 008   GitHub   LinkedIn

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.

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...

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 where previous unforeseenable.
- Built design system and layout component to achieve more customized and efficient development process.
- Implemented caching mechanisums and restrucutre code to reduce API calls, improved overall system performance.
- Engaged with customer and faciliated 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.
- New feature helps detect potential data issues, reduce 80% unresolved issues, and shorten issue date from 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.

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 denpencies management
  - Optimized UI rendering and enhanced UX

- **Technical Skills:** TypeScript, Next.js, React, Tailwind CSS, Monorepo, Storybook, Vitest, Jest, Headless Components, Webpack, Tanstack Library, Design Patterns, Component Architecture, Design System, Custom Hooks, Bitbucket, Docker, 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, Postman, Jest, Webpack, Bootstrap, CSS, HTML, API Design, Component Architecture, UI-Router, Sass, 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 Senmentic Anaylsis, MUI, Agile.

Legal Policy Project   2023

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

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.

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