

Phoenix PAN

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Location: Sydney, Australia

Skills

Frontend: JavaScript/ES6, TypeScript, HTML, CSS, React, React Native, Jest, Cypress, Webpack, NodeJS
Backend: Java, Python, .NET
Database: SQL Server, MySQL, MongoDB
Tools: Git, AWS, Docker, Jira, Bitbucket

Professional Experiences

PlayUp, Frontend Engineer, Sydney

Sep 2021– Sep 2023

Led several major projects in the frontend platforms to drive business goals

- Concurrently developed web and app platforms using **React** and **React Native** with **Typescript**
 - Provided great test coverage with **Jest** and **Cypress**
 - Optimized performance through code reviews and error-tracking tools
 - Strong awareness of responsive UI implementation for all platforms with Sass and styled-component
- Created **internal libraries** to reduce redundant development efforts
 - Encapsulated **custom hooks** and **components** and demonstrated them using **Storybook**
 - Utilized **webpack** and gulp to achieve UMD builds and built a CI/CD pipeline with Github Actions
 - Ensured the stability and robustness of the library through **Jest** test cases
- Expanded existing services to the US market, overseeing comprehensive **localization** efforts
 - Implemented translation and localization using **i18next**
 - Ensured compliance with international rules and regulations
 - Collaborated closely with **international teams** from various regions and delivered the product on time
- Rebuilt the platform with product managers and designers to enhance user experience and **user engagement**
 - Rebuilt a deposit feature, the only financial entrance, and achieved a flawless launch with zero errors
 - Simplified the signup process, leading to a notable improvement in **conversion rates**
 - Modernized the site UI using our proprietary component library
- Upgraded a legacy Webpack 3 project by migrating it to **Webpack 5** and replaced all outdated packages
- Integrated 3rd party utilities, such as Google Tag Manager, to help business decision
- Enhanced code review process and proposed code standards within the team for better dev experience

Plenti Pty Ltd, Full-stack Engineer, Sydney

Dec 2017 – Aug 2021

Automated labor-intensive financial process, rebuilt legacy frontend sites, and kept 25k people happy

- Rebuilt legacy Angular projects using **React** and **Redux** with comprehensive mock APIs and tests
- Led the maintenance and development of an product that serves more than 25,000 users
- Implemented UI/UX designs and A/B test with designers and product managers to improve the products
- Automated reconciliation process for daily financial report in .NET and saved labour hours across the company
- Integrated 3rd party tools, such as Datadog, HEAP and FullStory to monitor **user behaviours** and platform health

Government of South Australia, Full-stack Engineer Intern, Adelaide

Jan 2017 – May 2017

Developed a hybrid mobile voting app for the SA Government's fundraising activity of \$1 million

- Delivered a hybrid mobile app using Cordova framework for a fundraising activity of \$1 million
- Built and optimized a light-weight frontend with HTML5, CSS3, JavaScript, and jQuery
- Deployed an API backend on **AWS EC2** instances to handle RESTful requests with **Java Spring MVC**
- Designed **MySQL** and **MongoDB** schemas to store app data and optimized them for complex requests

Mitsubishi Electronics, Researcher Intern, Tokyo

Jun 2016 – Aug 2016

In Mitsubishi I built a full prototype for a new healthcare product, which was used in the presentation to the board.

- Developed a full Android prototype for a healthcare app with Java and Agile best practices in one month
- Completed UX design and documentation for the mobile app
- Conducted market research and virtualized the results using **Three.js**
- Delivered the final presentation to the department and gained project approval

Menusifu Inc., Assistant Product Manager, New York

Oct 2014 – Jun 2015

As an assistant product manager, I learned how to communicate effectively with our clients and developers to get useful insights, based on which I can come up with proper plans to improve our products' quality.

- Identified 500 bugs and user demands and raised overall satisfaction rate from 77% to 92% in two months
- Introduced JIRA to enhance internal collaboration on fixing bugs and capturing user feedbacks
- Increased monthly sales of my location by 53% to \$110,000 based on product improvements

Southern Cross Care, Cloud Engineer Intern, Adelaide

Feb 2017 – May 2017

I helped this local elderly care non-profit optimize its cloud infrastructure on AWS and reduced the overall AWS costs by 30%. I also automated the database backup on a daily basis and developed several widgets (User feedback, ACFI calculator) for its website.

Education

Carnegie Mellon University, Pittsburgh & Adelaide

2015 - 2017

Master of Science in Information Technology GPA: 3.8/4.3

Honors: *Dean's List (2015-2017); Graduated with Distinction*

University of Indianapolis, Indianapolis

2012 - 2014

Bachelor of Arts in International Business GPA: 3.9/4.0

Honors: *Dean's List (2012-2014); Graduated Summa Cum Laude (Highest Distinction)*