Phoenix PAN

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Location:	Sydney, Australia

CORE SKILLS

Frontend:	JavaScript, TypeScript, React**,** React Native**,** Redux**,** Jest, Cypress, NodeJS, Webpack
Backend:	Java, Python, C#, .NET
Database:	SQL Server, Redis**,** MySQL, MongoDB
Tools:	Git, Amazon Web Service, Docker, Jira, Bitbucket, VS Code

PROFESSIONAL EXPERIENCE

PlayUp, Frontend Developer, Sydney   Sep 2021– Sep 2023

Lead several major projects in the frontend platforms

- Concurrently developed web platforms using **React** and mobile apps using **React Native**
  - Ensured consistent functionality across both web and app platforms by addressing and reconciling differences
  - Has strong mobile awareness in UI implementation
  - Established an internal repository to centralize resource sharing between web and mobile platforms
  - Enhanced the core codebase's reliability through comprehensive testing with **Jest** and **Cypress**
- Created an internal **component library** with React and **Typescript**, and showcased using **Storybook**
- Modernized a legacy Webpack 3 project by migrating to **Webpack 5** and updating all outdated packages
- Expanded existing services to the US market, overseeing comprehensive **localization** efforts
  - Implemented translation and localization using **i18next**, ensuring accuracy in terminologies and assets
  - Ensured compliance with international rules and regulations when adapting the platform
  - Collaborated closely with **international teams**, from API providers to regulators and local staff, to manage the full feature lifecycle, from initial planning to final testing
- Rebuilt the platform with product managers and designers to enhance user experience and **user engagament**
  - Rebuilt the deposit feature, our only financial entrance, integrating five diverse payment methods, achieving a flawless launch with zero errors
  - Simplified the signup process, leading to a notable improvement in **conversion rates**
  - Modernized the primary UI using our proprietary component library
- Integrated 3rd party utilities, including Google Tag Manager and Google Map
- Enhanced code review process and proposed code standards within the team for better dev experience
- Optimized the CI/CD pipeline and incorporated commit hooks to maintain code quality

Plenti Pty Ltd, Full-stack Developer, Sydney   Dec 2017 – Aug 2021

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

- Rebuilt legacy AngularJS projects using **React** and **Redux** with comprehensive mock APIs and tests
- Responsible for maintenance and development of multiple products that serve 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 Developer 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 Electrics, 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)*