

Technical Skills

JavaScript (ES6+), React, Redux, Reselect, Immutable.js, Node.js, Python, SQL, NoSQL, Git, Webpack, Jest, Angular, Backbone, Websocket, REST API, GraphQL, AJAX, OAuth 2.0, AWS, Docker, HTML5, CSS3

Professional Experience

MZ, Software Engineer July 2017 - Present

- Own front-end features development commissioned by Auckland New Zealand transport agency
- Propose solutions in architectural meetings for the feature development before sprint plannings
- Interview software engineers for technical phone screening and onsite 10 times collectively
- Facilitate code review process by start commenting submitted PRs within a short time frame

Propeller Labs, Software Engineer January 2016 - June 2017

- Analyze, estimate, and architect applications comprising front and back-end components
- Design and implement user-facing components and features for complex web applications
- Optimize data-flow and networking for web applications to maximize speed and scale
- Engineer test-driven modular server-side system that is secure and highly scalable
- Influence on code review, stand up, project estimation meeting to facilitate development process

Selected Project Experience

Command Center, MZ 2017 - 2018

Real-time asset tracker for Auckland New Zealand Transport Agency

- Ensured the app renders over 3k assets at a stable fps in real-time using React/Redux architecture
- Developed an internal RPC client library that was actively used by 7 engineers for building services
- Improved app rendering performance by 25% composing highly memoized reselect selectors
- Presented new features to the client over the conference meetings; 1 time per a sprint or two

Queryable Insights, Propeller Labs 2017

Analytics tool that allows brands to gain insights from its user engagements from their retail spaces

- Architected the client-side application that leverages GraphQL queries via the remote server
- Designed, implemented, and documented API for Table Components using React
- Wrote 30+ SQL queries which were designed to be consumed as insights for the users
- Composed a script to generate sessions data and exposed via GraphQL endpoints

HYHO, Propeller Labs 2016

Web application that allows users to buy and sell experiences and donate proceedings to charities

- Architected the entire client-side application; data-management, networking, and routing
- Created 50+ reusable React components; presentational, container, and higher-order
- Built features; OAuth 2.0 authentication, notification, chats, and payment processing
- Integrated PayPal API for payment processing, and Google Geocoding API for location suggestions
- Incorporated AWS S3 to persist images and videos uploaded from the client applications

Education

Hack Reactor | Advanced Software Engineering Immersive Program 2015

Australian National University | Bachelor of Commerce (BCom), Accounting and Finance 2008 - 2011

Personal

I lived in Australia for 10 years before I moved to the states. I used to play StarCraft competitively.