Tyson Eketone

Full-Stack Software Engineer

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Location: Sydney, Australia

## About me

* 5+ years working with frontend technologies including TypeScript, React & React Native
* 5+ years working with backend monolith and micro-service architecture
* 1+ years working with Ethereum and Solana blockchain technologies

## Passions

* Learning new languages and stacks
* Solving challenging technical problems
* Helping others learn to code

## Proficient Languages

* TypeScript
* JavaScript
* Ruby

## Work Experience

### On Pace Group Technology Consultancy

#### Software Engineer

##### Apr 2023 - Present

* Design, implement, and test custom REST APIs built in Ruby on Rails
* Work in a tight knit team to build immersive, user-friendly frontend apps (native and web) using TypeScript, Zod and Expo
* Design and build auto-generated PDFs using Ruby, providing race stats for users
* Identify and resolve critical bugs and document strategies to prevent future errors
* Write clear and concise documentation to help future devs maintain the codebase

**Tech stack:** TypeScript, React Native, Ruby on Rails, Redis, PostgreSQL, MongoDB, Sidekiq, GitHub Actions, Jest, RSpec

### Zeroone Labs Technology Consultancy

#### Senior Front-End Engineer

##### Aug 2021 - Apr 2023

* Worked closely with our FinTech client’s in-house dev team to rebuild their BNPL app using a Node.js, Graphql micro-service architecture with a React frontend monorepo.
* Built a Pure Tone Threshold Testing app with Electron.js to assess hearing loss
* Built an NFT marketplace in Next,js to buy and sell NFTs on the Solana blockchain
* Built an NFT music platform using Gatsby.js enabling music artist to release and sell their music NFTs on the Ethereum blockchain

**Tech stack:** TypeScript, Next.js, Electron, React, TailwindCSS, Apollo, graphQL, Go, Ethereum, Solana, Golang, Cypress, BuildKite, DataDog

### On Pace Technology Consultancy

#### Software Engineer

##### Nov 2019 - Aug 2021

* Design, implement, and test custom REST APIs built in Ruby on Rails
* Build bespoke CMS to handle racing data, video and media content
* Worked in tight knit teams to build native and web racing and wagering apps using TypeScript and React Native Web
* Designed and built auto-generated Racing & Wagering PDFs using Rails, HTML and CSS

**Tech stack:** TypeScript, React Native, Ruby on Rails, Redis, PostgreSQL, MongoDB, Sidekiq, Travis CI, RSpec, BugSnag

Future Friendly (Mentally Friendly) Technology Consultancy

#### Software Developer Intern

##### Feb 2019 - Aug 2019

* Practised agile methodologies
* Participated in user testing sessions
* Involved in sprint planning and retro’s
* Part of the 2019 GovHack winning team

**Tech stack:** React, React Native, TailwindCSS

## Education

### Diploma of Information Technology Coder Academy

#### Student

##### Feb 2019 - Sep 2019

### Diploma of Entertainment (Business Management) JMC Academy

#### Student

##### Feb 2013 - Apr 2014

## Nutshell

* Business value focused engineering
* Pragmatic problem solver
* Team leader mindset

## Other Interests

* Reading books
* Running
* Mixed martial arts