

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