


# Nathan Birrell

 Bologna, Italy | +39 333 8500408 | nathanbirrell@gmail.com | Github | LinkedIn

## Experience

### MYOB

Senior Software Engineer (Contract)

OCT 2023 - PRESENT

Melbourne, AU (Remote)

- Technical lead in a team of four. Feature delivery and strategic guidance on NextJS architecture decisions, component library prop-APIs, localisation and partial prerendering.
- Reduced inbound calls to support phone lines by building a Support Article Search with Algolia. Built to be re-used and re-styled (ie. MYOB Apps Search).
- Core web vitals improvements; integration with headless CMS Contentful; middleware performance improvements; and a full website rebrand.

### Stax (by Versent)

Senior Software Engineer

OCT 2018 - OCT 2023

Melbourne, AU (Remote)

- Stax is a B2B SaaS cloud management platform, for deploying and monitoring AWS infrastructure. In October 2023, Stax & Versent sold to Telstra for \$267.5m.
- Ownership of long-term strategy for a production frontend application, a component library, style system and a backend API service.
- Led architecture and delivery for a backend-for-frontend project. This simplified interfacing with our microservices, leveraging highly scalable event-driven, serverless architecture.
- Scaled our team's capabilities from 5 to 30+ engineers, establishing best practices and processes for our growing organisation. For example: faster CI build times, Angular Commit Style and Conventional Comments for code reviews and more efficient releases through Semantic Release.
- Mentored and supported junior engineers across different timezones, helping them grow their skills and confidence through pair programming, code reviews and leading workshops.
- Set-up best-practice foundations with unit testing, coverage monitoring, end-to-end tests, ESLint linting, CI processes, Core Web Vitals and well-maintained docs.

### Bureau of Meteorology

Frontend Engineer (Contract)

MAR 2018 - OCT 2018

Melbourne, AU

- Built a new weather experience for the general public. In Australia's top 30 most visited websites.
- Improved reliability and prototyping speed with static typing & tree-structured state management library (React, Typescript, Mobx and mobx-state-tree; integrations with weather API services).

### Belong (by Telstra)

Frontend Developer

NOV 2016 - MAR 2018

Melbourne, AU

- React & Redux frontend, component library, migration from Knockout/JQuery, Expo React Native app

### Deloitte Digital

Graduate » Consultant (Frontend Developer)

JAN 2014 - NOV 2016

Melbourne, AU

## Education

### Royal Melbourne Institute of Technology (RMIT University)

Bachelor of Business (Information Systems)

2012-2015

Melbourne, AU

## Skills & Interests

- **Frontend:** React, Typescript, JS, NextJS, Jest, HTML, CSS, Storybook, E2E testing.
- **Backend:** Node, Express, GraphQL, REST, both relational & NoSQL databases and Ruby on Rails.
- **Infra:** SST, Nx, AWS Lambda, ECS, AppSync, DynamoDB, CDK, Buildkite and Docker.
- **Skills:** solution architecture, event-driven architecture, monorepos, mentoring, Agile