# Jonathan Conway

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## Summary

Senior Front End Engineer. 15 years across Sydney & London.

Delivered time-critical, high-impact work on large, complex code-bases in finance, fintech, banking and logistics.

Passionate about solving complex business problems with a structured thought process and elegant, well engineered code.

## Tech

Angular 8-12, RxJS, Redux, Typescript, React, Jest, NxJS, HTML5, CSS3, Sass, Less, NodeJS, C#, Java, MongoDB, SQL Server, Postgres

## Education

Grad Cert, Interaction Design
University of Sydney • 2018
★ Distinction

Cert IV, Programming
Hornsby College of TAFE • 2004
★ Distinction

## Senior Front End Engineer at ANZ Bank

Sept 2024 – Feb 2026 (1yr 6mo) • Contract • Bank

Tech: NextJS, React, Typescript, Jest, Playwright, gRPC

- Building **ANZ Plus** web banking – **Payments**, **Transactions**.
- Owned stories end-to-end, from analysis and solution design to implementation, testing and production support.
- Delivered critical features: **Contacts List**, **PayID**, **International Payments**, **2FA Step Up**, **Save Contact**, **Quick Pay** and **Sidebar User Details**.
- Contributed documentation, testing processes, checklists, themeable library components and various RFCs + POCs.

*"You are reviewing a lot of PRs and reviewing them very well. You always have good and thoughtful comments."*
– Staff Engineer • Jan 2025

*"Kudos to Jon for being excellent to pair program with."*
– Staff Engineer • Dec 2024

## Senior Front End Engineer at Optus

Aug 2023 - Feb 2024 (6mo) • Contract • Telco

Tech: Typescript, AWS (Lambda, DynamoDB, SNS), React

- Built **SubHub** full-stack for third-party subscription auth.
- Built **Agent SubHub** frontend used by sales and support.

## Lead Front End Engineer at Coles

Mar 2022 - Aug 2023 (1yr 6mo) • Contract • Supermarket

Tech: React, Typescript, Storybook, RTKQuery, NextJS, NX

- Led 3-5 engineers on **Coles Plus** development.
- Delivered **Coles Plus account** (Q4/21), **Edit Payment**, **Trolley messaging** (Q1-Q3/22), **Early Access Windows** (Q4/22) and **Single Click Sign Up** (Q1-Q2/23) on time.
- Responsible for scoping, solution design, development, mentoring, code-review and release management.
- Broader contributions: Visual diff testing (Chromatic), A/B testing (Adobe Target), Feature-folder pattern.

*"My team speak very highly about your code. Apparently your Coles Plus code is very slick."*
– Senior Developer • July 2022

*"We could not have re-launched Coles Plus without you."*
– Group Product Manager • August 2023

## Lead Front End Engineer at WooliesX

Aug 2020 - Mar 2022 (1yr 8mo) • Contract • Supermarket

Tech: Angular 12, RxJS, Typescript, Nx, Azure

- Architected and built **Rubix** – a web-based platform for managing delivery logistics used by staff and partners.
- Built foundations in Angular: monorepo, micro-frontend, authorisation, component library, testing/mocks, CI/CD.
- Used list virtualisation, indexed lookups and web workers to process and present large dynamic datasets.

*"Jon has done phenomenal work on the Rubix platform … in a span of one year the Rubix platform is hosting 4 micro frontend apps and used by 3 squads."*
– Tech Lead • Nov 2021

## Senior Engineer at Revolut

Jan 2020 - Jan 2024 (4 years) • Remote
London, UK • Fintech

Tech: Typescript, React, Redux, ReactQuery, Java, Postgres.

- Worked on **Business Onboarding**, owning **Backoffice**, used by 100s of Agents to onboard >10k monthly.
- Rapidly mastered complex multi-region requirements, proactively planned and prioritised work and unblocked requirements, systems access and integration.
- Completed major features: region-sensitive messaging, decoupling checks from Backend, contextual history, hierarchical shareholder editor, ticket routing overhaul.
- Broader contributions: E2E testing, Agent logging format, periodic paging pattern.

*"Provides methodical, well-tested and well-communicated solutions. Communicates effectively with team, stakeholders."*
– Functional Manager • Jan 2022

*"Great teammate, always there to help. Asks the right questions, dives deep to understand business needs."*
– Product Owner • Jul 2023

## Senior Developer at CIBC

- Worked on **Mosaic** – a web-based application platform used by traders, settlement, compliance and other areas.
- Built complex UI features: dynamic rapid-input forms. Data-grids handling large datasets with virtualisation. Column pickers, sorting, filtering, inline editing. Dialogs with inner transitions and responsive sizing. Responsive layout engine supporting desktop windowing and mobile. Date-time, timezone and localised numeric formatting.
- Built Chat bot and UI prototype on Symphony platform.
- Built Credit Support Annex workflow: microservice with database, REST and OData API, published event stream.
- Built Security UI for managing users, groups and permissions. Backed by Security API.
- Built CRM UI for sales staff; demoed to executives. Backed by Salesforce and Security API.
- Built Structured Notes Quote Blotter and Quote Details
- Set up E2E tests (Cypress) & component lib (Storybook)

Nov 2017 - Jul 2019 (1yr 9mo) • Contract • Investment Bank

Tech: Angular 8, RxJS, Typescript, C#, MVC, SQL, MongoDB

*"The newly restyled Nexus is looking good in production, well done for getting this out on time!"*
– Executive Director • Mar 2018

*"that demo went really well, well done!"*
– Executive Director • Mar 2018

*"Thanks for all your hard work and your attention to detail."*
– Tech Lead • July 2019

*"Thanks for all your work on the Security UI. You did a great job working through the detailed and endless specifications."*
– Senior Developer • July 2019

## Senior Developer at Digital Transformation Agency

- Delivered designs, prototypes, tools and components, across Web and Mobile, for the **Digital Identity program**.
- **GovPass**: ID proof document upload, ID verification and validation, webcam facial verification, 2FA.
- **Business Identity**: auth, credential and delegation flows.
- **Exchange**: transition from service provider to exchange.
- Prototype switchboard and usability testing tools.

Jul 2016 - May 2017 (1yr) • Contract • Federal Government

Tech: React, React Router, GoLang, Postgres, Docker

*"Jonathan is an intelligent, hard working, and passionate front-end developer. His technical skills are strong, and he carefully considers his development choices."*
– Tech Lead • Mar 2017

## Technical Lead at Service NSW

Apr 2015 - Jul 2016 (1yr 3mo) • Contract • State Government

Led multiple teams, up to 5 engineers per team.
Built new **MyServiceNSW** customer dashboard.
Initiated shared pattern library and coding standards.

HTML, CSS, AngularJS 1.3, Protractor, Jasmine, Less, Bootstrap

## Senior Developer at Demonz Media

Jul 2014 - Aug 2015 (1yr) • Contract • State Government

Lead developer on tablet app **CRC** for municipal waste disposal tracking and financial modelling for **NSW EPA**.
Client-facing role including sales and support.

HTML, CSS, AngularJS 1.3, BreezeJS, C#, ASP.NET, Azure SQL

## Senior Developer at Fiserv

May 2012 - Mar 2014 (2yr) • Contract • Retail Bank

Front end build of **Westpac Online Banking**: payments, statements, accounts. Desktop/Mobile, AA+ a11y.

HTML, CSS, Javascript, KnockoutJS, C#, Java, Selenium

## Technical Lead at MyCastingNet

Aug 2011 - Mar 2012 (8mo) • Contract • Media

Team leading and full-stack development of a talent recruitment web app used by major TV stations.

HTML, CSS, Javascript, jQuery, jQuery UI

## Side projects and contributions

**Blog** • conwy.co • dev.to/conw_y
Articles on software design and front-end development

**Testmatic** • conwy.co/testmatic
Rapid but structured test case management system

**CodeSelectors** • usecodeselectors.surge.sh
Open-source standard for referencing parts of code

★ DEV.to Top 7 • dev.to/conw_y

★ StackOverflow Top 1% • stackoverflow.com/users/23341

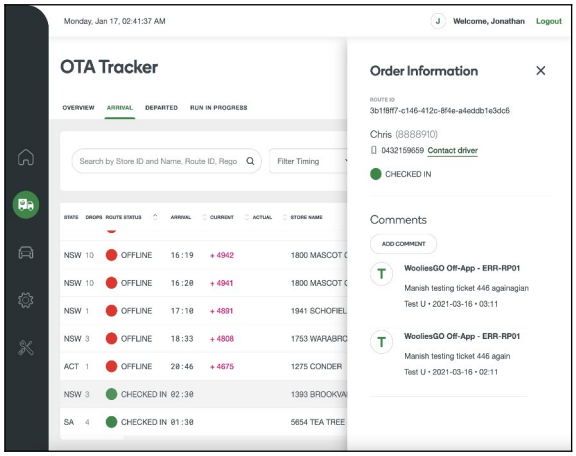
## Short courses completed

**Next.js 15 & React - The Complete Guide** • Udemy
Routing, Data Fetch & Mutation, Caching, Optimizations and Auth.

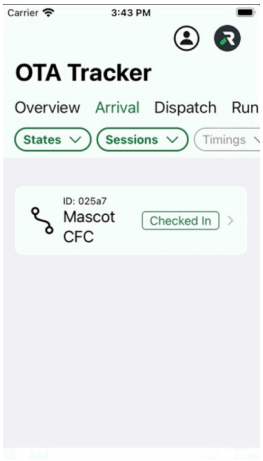
**Secure Development Assessment** • Secure Code Warrior
Development, security, deployment, troubleshooting/optimisation.

**Introduction to Calculus (2024)** • University of Sydney
Foundations for mathematics in engineering and commerce.

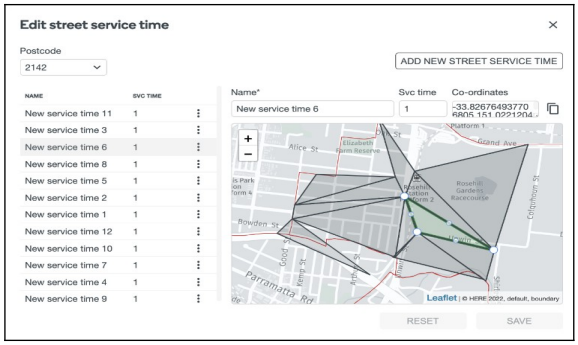
**ChatGPT Prompt Engineering (2023)** • DeepLearning.AI
Prompt engineering best practices for software developers.




△ WooliesX • Rubix • OTA Tracker app with order fields




△ WooliesX • Rubix prototype for iOS / Swift




△ WooliesX • Rubix • Street service time editor map and polygons