

# Gary Bagnall

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I am currently working in Brisbane as a software developer with over 4 years of amazing experience in full-stack roles working with React/Typescript with different backends and technical stacks. I aim to deliver great, consistent results and am regarded for my skills in the front-end.

## Work History

7/22 - Now **Software Developer.** Flight Centre

I work in a full-stack role developing the main customer facing website flightcentre.com.au in different teams using technologies such as React-Typescript and Node.js with Serverless AWS.

- Worked in a micro frontend architecture developing components to use across multiple pages inside of a NextJS mono repo focusing on speed and seamless experiences.
- Developed endpoints inside of NestJS and standalone APIs in an AWS environment that allowed new personalised information to be shown to the customer.
- Developed applications which relied on aggregating streaming data to provide useful statistics to show in the front-end and to the business. Using AWS kinesis and glue.
- Maintained several Java Spring repos that interface to the flight providers and finance systems. The flight providers return XML and Java is used to turn that into JSON endpoints.

9/21 - 6/22 **Software developer.** Patient Zero

I worked in a scrum team in a full-stack role for a client that wanted us to develop a progressive web app that allowed students to receive grades and feedback online. The tickets I worked on involved making components in React/Typescript, writing unit tests and discussing their technical implementation. In the backend I worked on DDD endpoints which fulfilled the data requirements for the front-end pages and data warehousing in ASP.NET on Azure. We used Cypress for our e2e tests which were relied on for feedback in CI.

02/19 – 9/21 **Spatial Information Officer.** Department of Resources.

I worked in the Cadastral and Geodetic data management team developing applications involving geographic data. In this role I have helped deliver:

- A barcode download portal, with associated administration interface. Created using React, Node and Express, hosted on AWS.
- An automated paper to digital transference solution for 3D geographic property plans. Created using ArcGIS, OracleDB, and Python.
- An automated data entry application for text detection on survey plans. Created using Typescript, React, Python and Flask.
- Maintenance on Queensland's cadastral database using ArcGIS Pro and other CAD software.

07/17- 02/19 **Application Support.** Permanent.

At Ausure Insurance Brokers.

12/16 - 07/17 **IT Help Desk.** Contract.

At AfterDark Technology.

11/14 - 12/16 **IT Help Desk.** Casual.

At St Vincent Health Australia.

## Preferred Technical Stack

Front-end: React (Typescript)

Back-end: NodeJS, Python & Java

## Education & Training

2014 - 2016    **Bachelor of Information Technology** - Griffith University, GPA: 6.4 (91%)

    Awarded:        2 x Griffith academic excellence.

2013 - 2014    Diploma in Web Development.

2021    Graduate Diploma. **Geographic Information Science** - University of Queensland

References on request.