

# Daniel Bird

## Full Stack Software Developer

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### About Me

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Kia Ora! My name is Daniel. I am a full stack software developer with a passion for technology and building things with code and my hands. I started my journey as a technical writer in Singapore for a GPS company, then returned to Australia as an account manager of a software development company.

After working for a number of companies both locally and overseas, I wanted more time with my family, so I started and have run a successful service business for the past 10 years in Auckland with my wife.

I would continue to take every opportunity to keep up with the state of development and code during this time. The fulfilment I get from problem solving with code and seeing tangible results is something I have not found anywhere else. It became clear that software development and building things was where I wanted to be and where I felt I contributed the most.

My core skills and passion is specifically **Javascript** with a focus on **React**, and now **Next.js**.

I recently decided to make the switch to software development as a full time job, and attended a software development course to be confident there were no gaps in my knowledge. I was one of the strongest technically, and used my prior knowledge to help others while also improving and solidifying my own knowledge and public speaking. I sincerely love learning new things, collaborating as part of a team and challenging myself.

What sets me apart other than my technical ability, is my genuine care, honesty and proactiveness. I have the ability to look at challenges as opportunities, and I would love the opportunity to challenge myself and continue to improve both personally and professionally in a software development role.

### Skills and Technology

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Most recently I built a **React** website for my previous company that presents company information and collects new leads from clients. I have built a **React** weather app with search functionality using the OpenWeather API, a Breakout game, todo list, and more.

I have countless (1000's) hours of front end learning and application of **HTML**, **CSS** and **CSS frameworks**, **Javascript**, **React**, as well as experience with backend technologies such as **Node**, **Express**, **SQL**, **Knex** and **Firebase**. I also have notable experience with **AWS**, **Heroku**, **Docker**, **MongoDB**, **MySQL**, **GraphQL**, **REST API's**, **GIT**, **Bash**, and **NGINX**. I am currently learning **Typescript**, and **Next.js**.

### Portfolio Projects

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[Auckland Gardening](#) [bit.ly/3NFkDxA](https://bit.ly/3NFkDxA)  
[Breakout Game](#) [bit.ly/3wRbXPm](https://bit.ly/3wRbXPm)  
[Movable Calculator](#) [bit.ly/3LT6lbi](https://bit.ly/3LT6lbi)

[Todo List App](#) [bit.ly/3LMF9uR](https://bit.ly/3LMF9uR)  
[Weather App](#) [bit.ly/3lQnx60](https://bit.ly/3lQnx60)  
[Personal Website](#) [bit.ly/3yYDrE4](https://bit.ly/3yYDrE4)

## Experience

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### **Enspiral Dev Academy (Auckland) – Software Development Student**

31 Jan 2022 - 13 May 2022

An intensive and fully immersive 15 week full-stack software development course focused on app development, testing, and an individual's ability to learn and apply new technologies.

- For our final project I was product owner, and with my team, successfully developed a full stack **React** application, using **Express** and **Knex** that connects clients with trade service providers.
- I worked on the front end state and **Redux** and implemented a **Stripe** payment gateway between the **Express** backend and **React** front end to allow payments to be processed.
- With strong emphasis on **Agile Principles**, and the **soft skills** required to work well in teams, I was able to take on and succeed in each Agile lead role.
- I was able to use my previous experience to help others learn how the technologies we were using fit together, and walk through the process step by step.

### **Auckland Gardening Limited – Owner**

2012 - Dec 2022

A garden maintenance company started in 2012 that serves property management companies and residential clients throughout Auckland.

- Building the business from zero to over 100 clients and >\$150,000 turnover pa.
- Building the company's responsive website and managing incoming leads.
- Developing a recurring customer base and relationships with property development companies.
- Maintaining high quality, and developing company policies and procedures.
- Managing 5 employees, payroll, and work scheduling.

### **Design Industries (Melbourne) - Account Manager**

2010 - 2011

Gathering client project requirements, and suggesting improvements and features. Produce quotes based on estimated development time. Planning and project management and liaising between management, software developers and clients.

### **i-Lotus International (Singapore) - Technical Writer / Software Developer**

2008 - 2010

Converting technical datasheets of GPS hardware, and software, to create user manuals for less-technical audiences. Designing and building the company website. Designing and providing assets to the software development team for the user interface of a GPS fleet tracking software. Designing marketing materials.

## Education

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**2022** - Enspiral Dev Academy – Full stack software development

**2007** - Informatics Singapore – Advanced Diploma in Computing (With Distinction)

**2006** - Informatics Singapore – Diploma in Computing (With Distinction)

**2001** - Caulfield Grammar School – Victorian Certificate of Education (House Captain)

## Hobbies and Interests

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Coding, 3D modelling, electronics, IoT, building, mechanics, aviation, singing, and learning guitar.