

# Alistair Burrowes



I am a geek who has been working as a software developer for about 16 years. I am a polyglot programmer with varied experience. I take pride in my work and thoroughly enjoy my profession.



## SKILLS

### Programming

Haskell Scala Java Ruby JavaScript C#

### Database

MySQL PostgreSQL SQL Server ORM

### Cloud

AWS GCP Terraform

### Software Testing

TDD BDD Integration tests Property Based Testing

### Continuous Delivery

Jenkins Bamboo Buildkite Monitoring

### Web

HTML CSS HTTP JavaScript Libraries Accessibility Web Performance SEO

### Docker

Docker



## EMPLOYMENT

## **Founder, Deadpendency**

2020-02 — Present | Haskell Docker GCP Terraform Linux

Develop my side project idea into a complete product.

- Improved my Haskell and functional programming skills.
- Improved my 'ops' skills, being forced to build all componentry including CI setup, alerting integration etc.
- Grew in product level thinking.

## **Lead Developer, REA Group**

2018-06 — 2020-02 | Scala Ruby Docker AWS Linux

Lead the newly formed 'Listings Internal Team'.

- Promoted when the team expanded and split into two teams.
- Focused on upskilling a fairly junior team with multiple new members.
- Consulted heavily with other teams on joint initiatives.
- Designed (with others) a number of new pipelines and systems.

## **Senior Developer, REA Group**

2016-05 — 2018-06 | Ruby Scala Docker AWS Linux

Work on REA's core data ingestion, storage and publication related systems.

- Led the team in the move from Ruby to Scala.
- Mentored other developers in the team.
- Heavily involved the functional programming guild.
- Heavily involved in the code review and hiring process.
- Haskell in prod! <https://www.rea-group.com/blog/a-haskell-in-prod-journey/>

## **Senior Developer, Inlogik**

2015-10 — 2016-04 | .NET C# ASP.NET MVC Web React JS Mobile Web-based Apps

Develop the CMP expense management system and ExpenseMe mobile app.

## **Senior Developer, Carsales**

2013-04 — 2015-04 | .NET C# ASP.NET MVC Web Web performance Angular JS

Develop and maintain a number of 'lifestyle' related websites.

- Worked on redevelopment of a number of carsales websites.
- Led the team in front end development.
- Heavily involved in the front end guild.
- Achieved a large improvement in front end performance.

## **Senior Developer, Toll Priority**

2009-09 — 2012-06 | .NET C# VB.NET ASP.NET MVC ASP.NET WebForms Web jQuery

Develop and maintain internal and external web applications.

- Led the reconcillation application redevelopment achieving a large efficiency increase.
- Led the introduction of ASP.NET MVC.

## **English Teacher, Japan**

2007-04 — 2009-04

Teach English in Japan to adults and children.

- Became fluent in Japanese, passing the top level of the Japanese Language Proficiency Test.

### **Developer, [Hyro Technologies](#)**

2004-04 — 2007-02 | Classic ASP .NET C# ASP.NET WebForms Java Web Accessibility jQuery

Develop and maintain websites for clients.

- Through my own volition I developed the 'Rolling Tool' for automating deployment to test and production environments.



## EDUCATION

### ***Sun Certified Java Programmer 5.0, Sun Certification***

2005-05

### ***Diploma Of Software Development, [Swinburne University](#)***

2002-02 — 2003-11



## SAMPLES

### **[Haskell Toy Robot](#)**

2017-11

A Haskell implementation of the toy robot problem.

### **[Docker Stack Haskell](#)**

2017-05

A pattern for dockerising a Haskell application.