

## Royce Dylan Townsend

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### SKILLS

**Programming:** Javascript/Typescript, C#, Java (Android), Objective-C (iPhone), HTML, CSS, Clojure(Script)

**Libraries:** React Native, ASP.Net MVC / WEB Api, Entity Framework

**Environment:** SQL Server, IIS, Windows Azure, Version control using git, github, svn, cvs, mercurial, whatever.

**In the past I've solved problems using:** Oracle SQL, MySQL, Azure Table Storage/Blob Storage/Queues, a bunch of AWS services, Flutter/Dart, React.js, NHibernate, Gatsby, Ruby (on Rails), ColdFusion, Lucene (full text search), T4 (code generation), L<sup>A</sup>T<sub>E</sub>X(typesetting), jQuery, Angular, Knockout.js, Apache, Bash, Grunt.js, assemble.js,

### EXPERIENCE

Private projects and websites for friends. December 2019 - Present

- Gastby / GraphQL for static site generation
- Getting comfortable with Typescript
- Trying to stay up to date with React and other Javascript libraries
- Creating and deploying (to the Play Store) a simple Android app created with Flutter.
- Further experiments are on <https://github.com/Royce> and some are discussed on <https://roycetownsend.com/blog>

Freelancing. October 2016 to November 2019

- iPhone/Android app development using React Native, React Native Navigation
- Debugging and extending underlying Java and Objective-C libraries used by the ReactNative app
- Maintaining and extending a C# /ASP.Net MVC app and WebApi connected to SQL Server
- Working remotely for startup.
- CI using Team City, and Azure Devops
- Android app development using Flutter/Dart to make a simple life/score counter

Travelling Australia; learning; misc.

February 2015 to October 2016

- Exploring functional programming with Clojure and Clojurescript, particularly focussing on building web and iOS applications using React.js and React Native

Curtin University, Perth.

Senior Developer. October 2014 to January 2015

- Constructed a C# /ASP.Net MVC app using: AngularJs and EntityFramework, and integrating with ActiveDirectory and a REST API

Curtin University, Perth.

Senior Developer. September 2013 to November 2013

- Mentoring, trouble-shooting
- Guiding and reviewing the system design/architecture

Programmer. October 2006 to September 2013

- Part of the formation of an Agile (Scrum/XP) team
- Facilitated retrospectives (review and process improvement)
- Built many web applications (C# /ASP.Net MVC)
- Unit Testing / Test-driven-development with recent attempts at automated testing against user acceptance criteria

- Built and maintain OASIS, a web application that has 500+ students logged in at any time. Custom ETL tool to transfer sensitive data from on-premise systems to cloud services (Azure Queues, Table Storage, Blob Storage, worker roles).
- Interfacing with Oracle Database and SQL server
- Maintaining or rewriting legacy Coldfusion and Java applications
- Database schema design (relation databases and NoSQL)

Freelance Programmer. 2007-Present.

- Created a custom client management system (Ruby on Rails)
- Created and maintained various websites

Curtin Volunteers. Bentley, Perth.

Web Team Leader. June 2006 to Dec 2006.

Director of Technology. July 2005 to June 2006.

- Developing, designing and maintaining the website (CSS, HTML) and building an administration tool (Coldfusion)

## EDUCATION

Curtin University of Technology, Western Australia.

Bach. Engineering (Software Engineering). 2011.

## REFEREES

Matthew Davies, Readify Consultant.  
Readify.  
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Mobile: 0433 336 935

← Employer/Client for freelance work

Robert Moore, Lead Consultant.  
Readify.  
robertmooreweb@gmail.com  
Mobile: 0400 777 763

← Fellow programmer; Former team leader

When I am not programming (and am awake) I can be found swing dancing,  
DJing blues and swing music for dancers, teaching dance, rock-climbing,  
running D&D, cycling, running, juggling, fire twirling, playing boardgames,  
enjoying music, drinking coffee, gardening, or listening to a book.

The resume is made with L<sup>A</sup>T<sub>E</sub>X.

You can find the source code and a copy of the license at [www.github.com/royce/resume](http://www.github.com/royce/resume).