

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^AT_EX(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
- Android app development using Flutter/Dart to make a simple life/score counter
- 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

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.
matt@mdavies.net
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 \LaTeX .

You can find the source code and a copy of the license at www.github.com/royce/resume.