

Royce Dylan Townsend

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SKILLS

Programming: Clojure(Script), C#, Javascript (browser and NodeJS), Ruby, ColdFusion

Libraries: ASP.Net MVC, Entity Framework, NHibernate, NUnit, NSubstitute, Autofac, jQuery, ReactJs, AngularJs, Knockout.js, ABCPdf, Ruby on Rails, Om

Environment: Oracle Database, SQL Server, NoSQL, IIS, Apache, Windows Azure (cloud IAAS) and On-premise data centers. Version control using git, svn, and cvs.

Buzzwords: Agile, Scrum, Continuous Delivery, Emergent Architecture

Esoteric: Lucene (full text search), T4 (code generation), L^AT_EX(typesetting)

EXPERIENCE

Travelling Australia; learning; misc.

February 2015 to present

- Exploring functional programming with Clojure and Clojurescript, particularly focussing on building web and iOS applications using ReactJs and React Native
- Teaching swing dancing

Curtin University, Perth.

Senior Developer. October 2014 to January 2013

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

Travelling the world; relaxing; dancing; learning

December 2013 to September 2014

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.

I take continuous learning seriously.

I am currently learning Clojure and ClojureScript, Om, ReactJs, and React Native.

REFEREES

Robert Moore, Lead Consultant. ← Fellow programmer; Former team leader
Readify.
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Mobile: 0400 777 763

Matthew Davies, Readify Consultant. ← Fellow programmer; Former team leader
Readify.
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Mobile: 0433 336 935

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