



# Lachlan Sylvester

Software Engineer

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🐙 [github.com/ljsylvester](https://github.com/ljsylvester)

## EDUCATION

**B.Eng. (Computer) / B.Comm.**

University of Sydney,  
20012001 - 2005

## LANGUAGES

English [Native language]

## 👤 PROFILE

I am a full stack developer with over 10 years of commercial experience with Ruby on Rails.

I have extensive experience of building and leading teams to deliver software in an Agile manner.

I have a deep understanding of monitoring, profiling, and optimizing Rails applications.

I have contributed to numerous open source projects, including [contributions to Ruby on Rails](#).

## 🧰 EXPERIENCES

**Senior Software Engineer**  
Nurun Australia (formally Front Foot)

January 2012 - Present

- Worked across a range of applications (predominantly Ruby on Rails) for clients such as Telstra, Betfair, TabCorp, Racing UK and Fitness Australia.
- Diagnosed and resolved performance issues using tools such as NewRelic and ruby-prof.
- Implemented caching strategies, such as HTTP Caching with Varnish and Russian Doll caching with memcached, to improve response times and throughput.
- Worked in an agile manner, using sprints to iterate through user stories.
- Integrated with Merchant gateways such as Braintree and Ezidebit.
- Built and consumed APIs to integrate with external systems and as part of microservice architectures.
- Wrote automated tests using RSpec and Test::Unit.
- Set up CI using Travis and static code analysis using CodeClimate.
- Performed multiple upgrades on major version of Ruby and Rails
- Managed projects and clients

## Programmer

November 2010 - December 2011

Active Billing

- Adapted existing Ruby on Rails based Billing System to the needs of a new client that performed energy cost management.
- Introduced Continuous Integration with CruiseControl.rb and code reviews using GitHub pull requests to improve the quality of code
- Mentored other developers
- Upgraded an application from Rails 2.3 to Rails 3.0
- Build Sinatra based microservice to generate excel spreadsheets
- Introduced CoffeeScript to improve maintainability for JavaScript code
- Worked with Ruby on Rails, jQuery and Microsoft SQL Server

## Programmer

March 2010 - November 2010

Jobready Solutions

- Maintained and extended Ruby on Rails based Student Management System
- Migrated source control from CVS to git
- Replaced existing deployment practices with more robust Capistrano deployment
- Worked with Ruby on Rails, jQuery and MySQL

## Programmer

June 2006 - March 2010

With Imagination

- Maintained and extended existing Witango web applications, including Revlon Australia website, and the Optus Wholesale Extranet
- Introduced Ruby on Rails for new projects
- Introduced SVN, and later Git for source control
- Worked with Witango, Ruby on Rails, MySQL, Oracle, Microsoft SQL Server and Prototype.js

## SKILLS

Ruby on Rails, PostgreSQL, APIs, JSON, Git, NewRelic, ruby-prof, RSpec, Minitest, TDD, Agile, Nginx, Passenger, HTML, SCSS, Javascript, Coffeescript, Redis, REST, jQuery, New Relic, Varnish, HTTP Caching, TravisCI, SQL

