

JESSE DOYLE

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PROFILE

Recent computing science graduate with more than 3 years experience writing web applications using Ruby on Rails as a backend framework. Avid open source contributor and participating member in the Ruby community. Seeking a full-time web development position located in the Edmonton area.

EDUCATION

UNIVERSITY OF ALBERTA, AUGUSTANA CAMPUS

2009 – 2013

BSc. Computing Science, Mathematics Minor

- Cumulative GPA: 3.74
- *Project Member:* University of Alberta graduate application system web application, developed as a proof-of-concept using the Ruby on Rails framework in 2012.

EXPERIENCE

TERRACE SAFETY LTD - CAMROSE, AB

11/2013 – 10/2015

Rails Developer - Freelance via Sprocket Systems, Inc.

- Developed a custom web application built with Ruby on Rails (<https://terracesafety.com>).
- Deployed application to Amazon infrastructure, including EC2 for server compute capacity and S3 for user uploads/backup.
- *Backend:* Rails 4.1, RSpec + Capybara, Devise, MySQL, Apache + Phusion Passenger, Git.
- *Frontend:* jQuery, HighCharts, ZURB Foundation 4, SASS.
- Setup and maintained corporate email accounts using Rackspace.
- Provided IT support for approximately 10 internal employees and a userbase of more than 200 independent contractors.

VITAL EFFECT - CAMROSE, AB

07/2013 – 11/2013

Web Developer - 4 Month Contract

- Contributed to the development of an automated WordPress generator/hosting web application (<http://therocketnerd.com>).
- Wrote PHP code to integrate with the NameCheap, Aviary SDK and PayPal NVP APIs.
- Developed a deep understanding of the WordPress database structure, as well as WordPress theme and plugin development.

STAPLES CANADA - CAMROSE, AB

02/2007 – 07/2013

Technology Sales Area Representative

- Expected to meet strong sales goals in both technology products and their complimentary attachment products or services.
- Covered vacations as resident technician. Diagnosed and repaired both hardware and software issues.
- Achieved Apple Sales Professional recognition in 2012 by completing optional retail training.
- *Member,* Joint Health and Safety Committee. Participated in monthly meetings to ensure a safe retail environment.

SKILLS

Technically proficient in many aspects of software development, including an in-depth knowledge in the following areas:

WEB DEVELOPMENT

3 Years Experience

- Proficiency with modern web standards such as HTML5, CSS3 and cross-browser ECMAScript.
- Familiar with frontend CSS frameworks such as ZURB Foundation and Bootstrap as well as client side libraries such as jQuery.
- Practical knowledge of Model/View/Controller design paradigms.
- Familiar with standard development techniques such as responsive design, AJAX and RESTful design.
- Experience with WordPress and writing custom PHP code.

RUBY PROGRAMMING

3 Years Experience

- Experience writing clean, readable code that conforms to the [Ruby style guide](#).
- Solid understanding of Ruby on Rails and its surrounding ecosystem such as Sprockets, Turbolinks and Rack.
- Experience developing and releasing custom gems deployed to RubyGems.
- Experience testing via RSpec and using tools such as Rubocop, Guard and Rake.

JAVA PROGRAMMING

3 Years Experience

- Practical application of Java threading techniques and developing concurrent applications.
- Strong proficiency with object-oriented design principles.
- Experience with the Lightweight Java Game Library and basic OpenGL development.

C PROGRAMMING

2 Years Experience

- Familiarity writing ANSI C utilizing POSIX standard libraries. Knowledge of many standard system calls such as fork and exec.
- Experience with UNIX/TCP socket programming to develop client/server applications.

DATABASE

2 Years Experience

- Practical and theoretical understanding of relational database concepts and design.
- Experience modelling efficient database designs from scratch using ER-Diagrams.
- Experience administering MySQL databases at a command-line level.

OTHER

- Tools: ~~LaTeX~~^{AT&T}, Git, continuous integration using TravisCI.
- Familiar with a UNIX-based development environment using Bash/ZSH, VIM, Make, SSH.
- Experience developing in SCHEME (R6RS) and PROLOG for small programming problems.
- Experience writing reliable, well-tested code in the [Crystal Programming Language](#).

REFERENCES

Available upon request.