# Neil C. Northrop

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## Technical Tools

| | | |
|---|---|---|
| Ruby | Sentry-Raven | VCR |
| Rails/Sinatra/Padrino | Whenever | Git/Github/Gitlab |
| JSON/XML | Rspec/MiniTest | Bash scripting |
| Mechanize/Nokogiri | Mocha | Bootstrap/HTML/CSS |
| Postgresql | FactoryGirl | RabbitMQ |
| Sequel | Capybara | JIRA/Confluence |
| Ruby AWS-SDK (S3 and SQS) | Rubocop | Vagrant |
| | | VirtualBox |

## Fidelity Life Association

### Software Engineer                                    11/2015 – Present

- Worked on development of internal systems to pull data from legacy systems and feed internal XML files to downstream sources allowing Agents to be updated in real-time on their Policies.
- Developed an internal event driven system that created Policy events from incoming XML, enabling real-time policy updates to business users.
- Used Padrino to build out multiple internal web applications for business end-users.
- Took over development of a Sinatra web app calling a 3$^{rd}$ party API.

### Support Engineer/ Developer Apprenticeship        11/2013 - 11/2015

- Supporting multiple application products as Level 2 Support.
- Using in house tools to help cases move start to end.
- Using JIRA/Confluence tools.
- Worked with Rails 1.2.1 and 2.3.2 applications.
- Furthered experience with VI and VIM while working on remote servers.
- Joined the Software Apprenticeship program to become a Software Engineer.

## Professional Experience

***28dayhug.com***        E-Commerce Website        https://rails-28dayhug.herokuapp.com

- Migrating an existing site from Wordpress to a Rails environment.
- Implementing the payment processor using Stripe API.

***ENSearch***        Music Search Engine        https://ensearch.herokuapp.com

- Personal project to help better understand Rails and 3$^{rd}$ Party APIs.

***DotaMeter.com***        Site for Game Statistics        https://dotameter.herokuapp.com

- Built from the ground up using Rails, Angular, and Mongo DB.
- Used Ruby to build a scraper, aggregate data, and built persistent statistics.