

Gerard Burns

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About

I am a driven, self-taught developer with a skillset covering both front-end and back-end development. I currently work at Shopkeep, where I most typically work with Ruby on Rails, Python and React. I am passionate about software development, and eagerly contribute to architectural discussions about upcoming projects/problems. I regularly review both my team and other team's code. I'm well-spoken and capable of communicating technical problems to non-technical members of my team.

Skills

- Experience working at with both legacy and modern code in a large Ruby on Rails Monolith.
- Highly familiar with Javascript frameworks/technologies like React, Flux and Redux.
- Experience working with legacy front-end technologies like CoffeeScript, Datatables and Haml.
- Very comfortable with both Git and Unix CLI usage.
- Experienced with using Docker.
- Familiar working with both legacy and modern Python code.

Work Experience

May 2017 to Present - Graduate Engineer at Shopkeep

At Shopkeep I've mainly worked on the frontend and backend of a large Ruby on Rails application. Most of my work has centred around Ruby and JavaScript. Some examples of projects I've been a part of are listed below.

- Re-implementing a part of a legacy Rails monolith as a Django microservice to facilitate adding features. Also involved significant work ensuring that data was duplicated correctly to the new service to guarantee a clean switchover.
- Building a new specialised microservice for reporting, which included work like creating Sidekiq workers that write to a Kafka topic, as well as working with React and legacy front-end technologies.
- Taking lead on migrating one of the most used pages of the product from CoffeeScript to React.
- Taking lead on a project that made large changes to an integral front-end component on all of the most visited pages of the product.
- Adding tests to and significantly restructuring a large, poorly maintained Python based AWS Lambda service that was inherited by our team.
- Taking lead on writing a new, standalone front-end client created with React and Redux.

Other Projects

NSTS Metronome – A web-based metronome written in Vue.

Website: <https://nsts-metronome.github.io/>

Github: <https://github.com/Ghrehh/nsts-metronome>

Tweetatlas Server – The backend of a Twitter geolocation service.

Github: <https://github.com/Ghrehh/tweetatlas-server>