# Gerard Burns

**Email Address:** ghrehh@gmail.com          **Github:** https://github.com/Ghrehh

## Skills

- Experience working with both legacy and modern code in a large Ruby on Rails Monolith.
- Highly familiar with Javascript frameworks/technologies like React, Apollo, Webpack.
- Experienced with writing unit and integration tests using software such RSpec, Jest and Cypress.
- Very comfortable with both Git and Unix CLI usage.
- Experienced with Docker.
- Familiar working with both legacy and modern Python code.

## Work Experience

**May 2018 to Present - Engineer, then Senior Engineer at Squarefoot**

At Squarefoot I primarily work on the front-end, but have also done a significant amount of backend work when required.

- Migrated from legacy selenium integration tests that were flakey and communicated with the production backend to a new, reliable Cypress test suite that uses seed data.
- Took lead on collaborating with design to create a standardised component library to improve dev workflow and make mockups easier to implement.
- Worked on a new data pipeline that standardised the structure of data coming from different sources.
- Several refactors to various parts of the front-end app, including the webpack config.

**May 2017 to May 2018 - Graduate Engineer at Shopkeep**

At Shopkeep I mainly worked on the frontend and backend of a large Ruby on Rails application. Most of my work was 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.
- 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

**Portfolio Website**

*Github*: https://github.com/Ghrehh/portfolio-site          *Github:* https://gerardburns.github.io/