

# Overengineering Your Personal Website - How I Learn Things Best

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## Sign in to your account

Username (this could be your email address)

[Manage a different card](#) ∨

Password

 Sign in

[Forgotten your details?](#) ∨

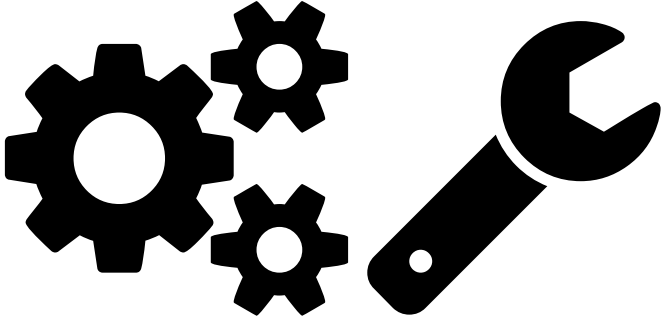
Register for your online account

Register

# Customer Identity

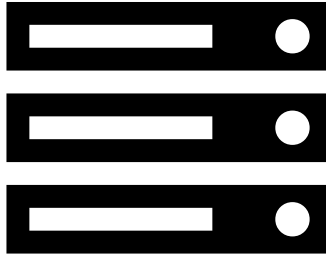


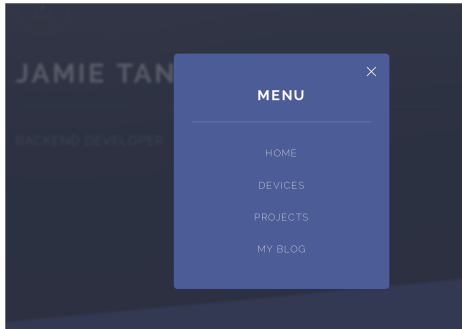
Starting off my career, would I only learn while at work?



Working in the safety of my own projects

Hmm, there aren't any projects here...





## Jamie Tanna | Software (Quality) Engineer

[About](#) [Blog](#) [Projects](#) [Talks](#) [Blogroll](#)



I'm a Software Quality Engineer with a passion for backend engineering, especially with regard to APIs and automation. I've been building up my experience working in a DevOps environment as a Software Development Engineer and am now diving into the details of how we prove out the quality in our software. I use my site as a method of blogging about my learnings, as well as sharing information about projects I have previously, or are currently, working on in my spare time.

I'm a GNU/Linux user, a big advocate for the Free Software Movement, and I try to self host my own services where possible, instead of relying on other providers.

### # Recent Posts

Check out some of my recent posts:

You can also search the below posts:

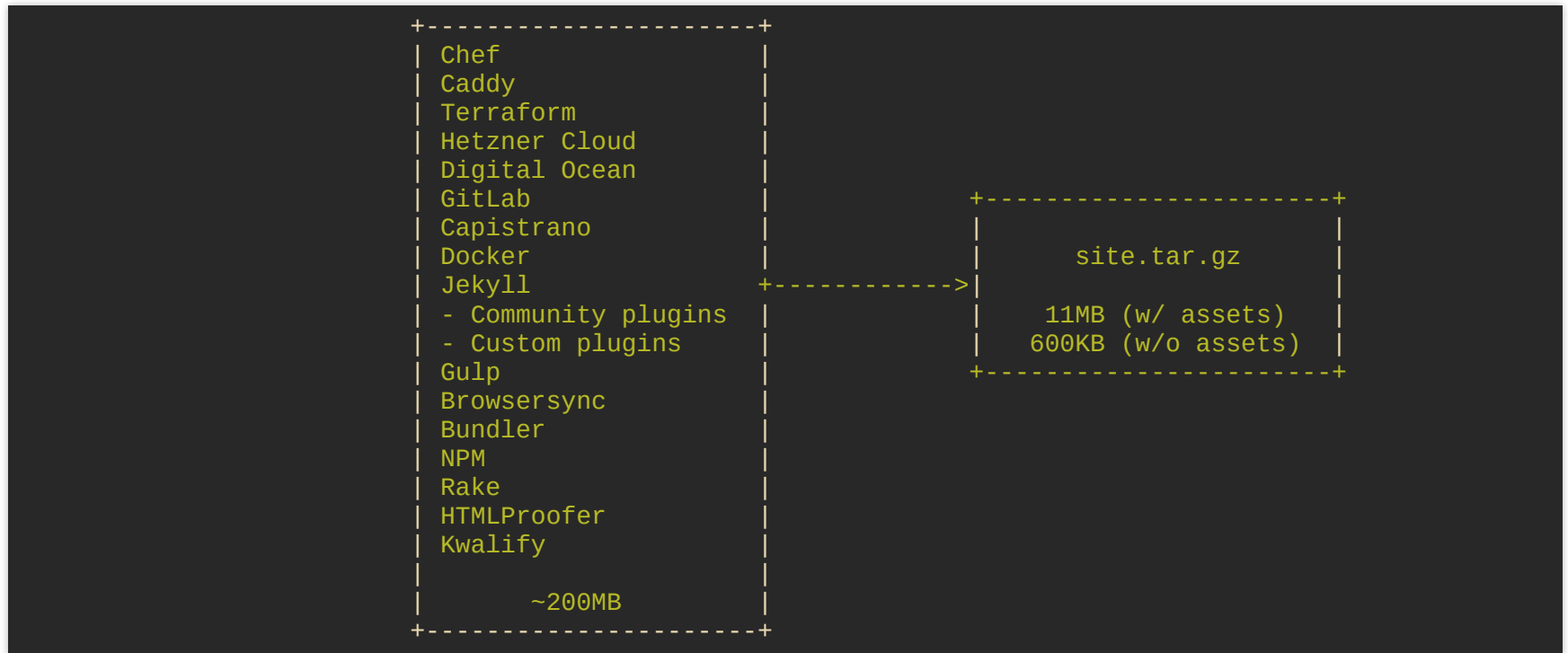
**## Safely Force Pushing with Git using '--force-with-lease=ref'**

Posted on 18 September 2018 and filed under [blogumentation](#). Estimated read time of 7 mins .

How 'git push --force-with-lease=ref' can save you from overriding others' changes on shared Git branches



# So why am I saying it's overengineered?



# Learning about how to Automate Deployments

```
$ cap production deploy
00:00 git:wrapper
  01 mkdir -p /tmp
  ✓ 01 www-jvt-me@www.jvt.me 1.590s
  ...
00:30 deploy:symlink:release
  01 ln -s /srv/www/www.jvt.me/releases/20180919092109 /srv/www/www.jvt.me/releases/current
  ✓ 01 www-jvt-me@www.jvt.me 0.290s
  02 mv /srv/www/www.jvt.me/releases/current /srv/www/www.jvt.me
  ✓ 02 www-jvt-me@www.jvt.me 0.295s
00:30 deploy:cleanup
  Keeping 5 of 6 deployed releases on www.jvt.me
  01 rm -rf /srv/www/www.jvt.me/releases/20180911180652
  ✓ 01 www-jvt-me@www.jvt.me 0.330s
00:31 deploy:log_revision
  01 echo "Branch master (at 58f0955ba323576ceeed69abe6c0caf23033f7cc) deployed as release 20180919092109"
  ✓ 01 www-jvt-me@www.jvt.me 0.296s
```

# Learning about Infrastructure as Code



```
+-----+
| jvt.me | +--->| jvt.me |
+ staging.jvt.me + +-----+
| review.jvt.me |-----+
+-----+
| +--->| staging.jvt.me |
| | review.jvt.me |
+-----+
```

# Exploring "Definition of Done" + Workflow

- <https://www.jvt.me/posts/2018/09/12/blog-post-editorial-workflow/>

# Exploring "Definition of Done" + Workflow (cont)

Exploring GitLab Review Apps

I.e. <https://feature-readable-inline-code-snippets.www.review.jvt.me/>

# Exploring Quality gates

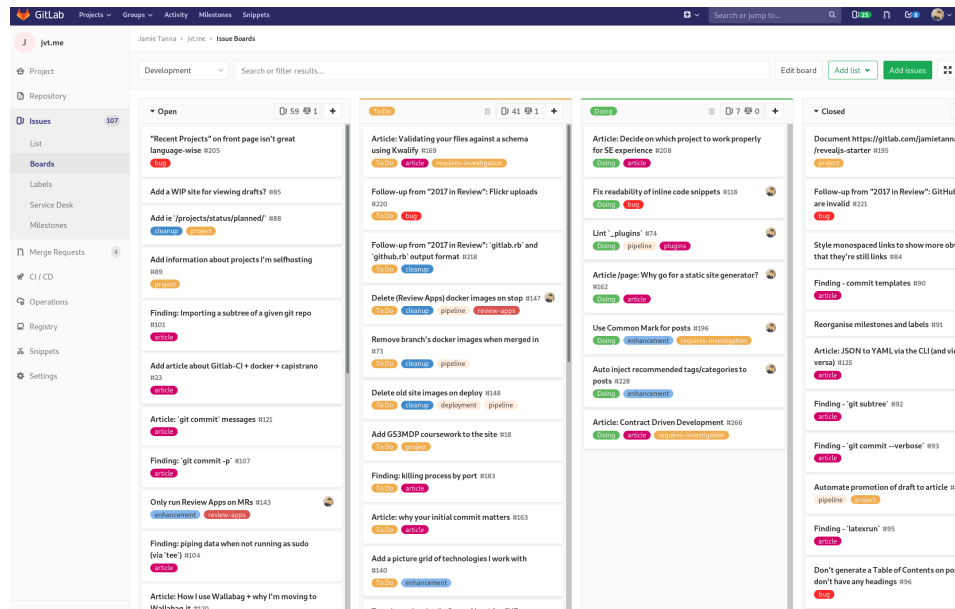
- is my site well formed?
- do the links always resolve somewhere?
- do the posts, projects and talks have all the correct metadata?

```
bundle exec rake validate
bundle exec jekyll doctor -d _site
gulp imagemin
bundle exec rake images_changed?
bundle exec rake test
# test:links
# test:git_casing
```

# Automated Pipelines with CI

- build
- test
- deploy

# Putting on the project management hat





# What's next?

**Jamie Tanna | Software (Quality)  
Engineer**

~~About~~

Blog

~~Projects~~

~~Talks~~

Blogroll

- + Stop self-hosting
- + 107 open issues!

# Recap

- Deployments
- Infrastructure-as-code
- Issue tracking / ways of working
- Release and quality gates

Blog post coming soon

<https://gitlab.com/jamietanna/jvt.me/issues/285>

How *not* to do it?

Questions?