



# Getting a Tech Job: Portfolios

by Thomas Galligan

# What does your portfolio need?

- Projects - show off your personal projects
- Experience - show that not only through your projects, you've had experience with X, Y and Z.
- Numeric attributes - where possible, try and give a statement numeric or quantitative proof - i.e. Improved build time by 20%
- Interests - have you volunteered or actively participate in something? Do you like to involve yourself in a specific tech stack e.g. backend written in Go?
- Skills - make a list of programming languages and technologies you know, and reference them in your experience and interests where you put those skills to the test.

# What different elements make up your portfolio?

- GitHub
- LinkedIn
- Resume/CV
- Personal Website
- Hosted web projects

# GitHub

- Git is a version control system ( track code changes over time ). Over 94% of professional developers use git, making it a skill **you need to know**.
- GitHub is the biggest website that provides git access control and other features.
- It is a widely-used and widely-known technology, and you can use it to show off your skills in tech.

# What should you have on GitHub

- Show off your personal projects
- Maybe some college assignments if you need to add something and are happy with the code you wrote.
- Coding stats - more on this later

# What to keep in mind when showing a personal project?

- Make sure to give every project a proper name and a README
  - A README is a text/markdown file that is shown to someone viewing the project
  - It should include a good description of the project and how it was made, and how to run it, if possible
- If it is web-based, try and host it (either on Netsoc Cloud or another cloud service provider) and provide a link to preview it. For static websites, GitHub Pages are almost always your best bet.
- You can set up GitHub Actions to build / generate project artefacts and maybe build a docker image for your project.

# What else could you have there

- Track your coding stats using <https://wakatime.com> (free) for instance
- Link your socials
- Track open source contributions

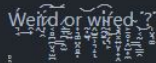


## Simon Lecoq

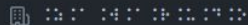
lowlighter

Follow

Sponsor



761 followers · 525 following



Canada | France

https://simon.lecoq.io

@lecoqsimon

### Sponsors



### Achievements

Overview Repositories 26 Projects Packages 2

lowlighter / README.md

### Simon Lecoq

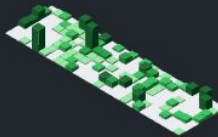
Joined GitHub 5 years ago

Followed by 761 users



Contributed to 25 repositories

### Contributions calendar



### Commits streaks

Current streak 1 day

Best streak 10 days

### Commits per day

Highest in a day at 50

Average per day at ~3.17

### 22 Languages

#### Most used languages

estimation from 455mb of code in 2244 edited files across 2669 commits

JavaScript	32.1k lines	1.44 MB	73.03%
TypeScript	17.1k lines	532 kB	26.97%

2111 commits verified by GPG

#### Recently used languages

estimation from 24.5kb of code in 42 edited files across 26 commits over last 13 days

JavaScript	146 lines	6.15 kB	100%
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### Notable contributions

@denoland @jurasscripts @ovh

### 34 Discussions started

487 Comments

110 Answers

88 Upvotes from discussions

441 Upvotes from comments

Announcements Q&A Ideas General Questions Show and tell


### Starred topics





# What needs to be on your LinkedIn profile?

- Professional profile photo.
- Contact information (website, blog etc).
- A good, concise title.
- Professional experience - work placement etc.
- Relevant skills - take a skill quiz on LinkedIn if you want (p.s. They can be deceptively difficult).




To be quite honest, there's not a whole lot of creativity that you can incorporate into you LinkedIn profile...

# Resume / CV

- This is what will often get you through the first stage of an application process, a recruiter looks at your cv, and if they like the cut of your jib, you may move on to the next step.
- This will contain pretty much everything relevant that a recruiter may want to know about you.
- **KEEP IT TO ONE PAGE.** No recruiter / hiring manager / developer wants to read your boring cv.
- Make it stand out to your competition, all using the same boring Google Docs template.

# Here's how mine looks (using <https://flowcv.io> - free)

## PROFESSIONAL EXPERIENCE

**IBM, Software Engineer Intern**    
2022/03 - present | Cork, Ireland


**Software Engineer**

- Software Engineer on @Radar SOAR - a security incident response webapp with an automation platform built-in.
- Fixed frontend bugs in playbook designer.
- Fixed backend bugs causing SQL DB deadlocks.
- Fixed notification settings on frontend.


**DevOps Engineer**


- Migrated from a paid subscription to Ansible Tower to a free, open-source alternative, effectively saving the team ~€5,000/year.
- Ran AMX instances for staging, production and development environments on a single-node K3s server.
- Automated deployment of AMX with ansible.

## ORGANISATIONS

**UCC Netsoc, Chairperson**    
2022/06 - present | Cork, Ireland

- Chairperson is the official representative of the society, and is official society spokesperson at all times.
- Responsible for overall running of society and maintaining membership and the society's good reputation.
- Responsible for all society events and to chair all committee meetings.

**UCC Netsoc, SysAdmin**    
2019/10 - 2022/06 | Cork, Ireland


- Took part in interviewing SysAdmin applicants for 4 years (1 of which as Chairperson) and training them in learning various technologies required for the role (Docker, ansible, linux etc.)
- Still ongoing - writing documents to help incoming Sysadmins learn the tech stack, and learn about our infrastructure - <https://handbook.netsoc.co> .
- Gave a talk about the Go programming language at a society event on behalf of the SysAdmin team.
- Gave a python mentorship which had over 22 attendees, and went from basic types to looking at bugs in the Python language at the time (most have been fixed since).


**IBM Cork Coderdojo, Senior mentor**   
2017/03 - present | Cork, Ireland


Taught Python, HTML, CSS & JavaScript


## Thomas Daniel Galligan


*Computer Science Student @UCC*


 Ireland

 [thomas007g@gmail.com](mailto:thomas007g@gmail.com)

 Website



 GitHub

 GitHub

 in LinkedIn

## PROJECTS




**College Project - Timber**   
2021/09 - 2021/12

[Git Repo](#)  [Demo](#) 

**Tech Stack**

- backend written in Go
- session cache with Redis
- frontend written in Typescript, using React with NextJS

**College Project - SREC Website**   
2022/01 - 2022/03

[Git Repo](#)  [Demo](#)  [Documentation](#) 

**Tech Stack**

- backend written in Typescript, using ExpressJS
- frontend written in Typescript, with React & NextJS, using the Carbon Component System.

## SKILLS

**Programming Languages**

Python	[7 years]	Typescript	[4 years]
GoLang	[5 years]	SQL	[3 years]
Javascript	[6 years]	C/C++	[2 years]

**Frameworks/Technologies**

Ansible, Docker, React, Vue, NextJS

**Soft skills**

Leadership - Chairperson of Netsoc  
Teamwork - SysAdmin at Netsoc

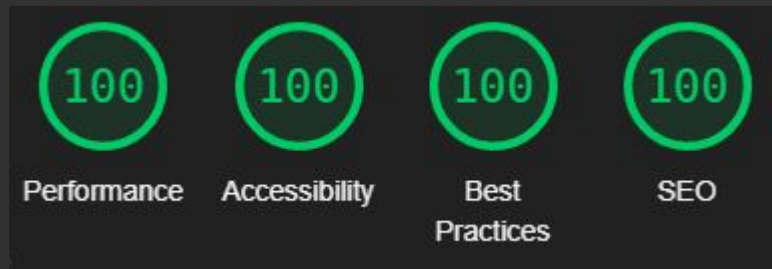
# Wait, didn't I see this slide before?

- Projects - show off your personal projects
- Experience - show that outside of your existing projects, you've gone above and beyond.
- Notable achievements - did you win a competition? Did you take part in a hackathon hosted in February 2023 hosted by Netsoc & WiSTEM, sponsored by Cadence™.
- Interests - have you volunteered or actively participate in something? Do you like to involve yourself in a specific tech stack example backend with Go?
- Skills - make a list of programming languages and technologies you know, and reference them in your experience and interests where you put those skills to the test.

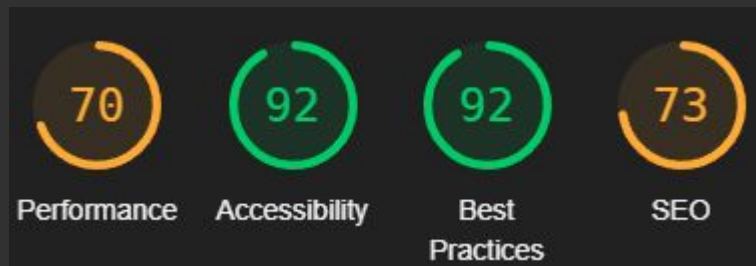
# Personal Website

- A personal website can really show that you put effort into your work.
- It's really important that the website is mobile-optimized, as many people using the web. Perhaps a completely different layout than for desktop.
- Use SEO to have your website rank well in search results → look up Opengraph Meta Tags.
- Keep the web design as simple as possible, least amount of JavaScript as possible – Reject JavaScript, embrace basic HTML & CSS. Less is often more.
- Optimize your website to be accessible globally by using a CDN (Content Distribution Network), like GitHub (automated through GitHub Pages).
- Test the performance and page load in Chrome by going to dev tools and going into the Lighthouse tab

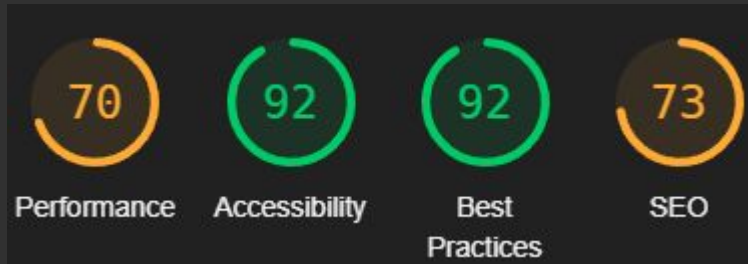
## We want this



## Don't want this



# This is what JavaScript does to a mf





# This is what no JavaScript does to a mf



100

Performance

100

Accessibility

100

Best  
Practices

100

SEO



# Hosted Projects

Any project you can host online, is an opportunity to show off.

So do it.

Now.

