



PYTHON BOOTCAMP

www.jomhack.com

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Core Functions

- **Version Control:** Tracks changes to code over time.
- **Code Hosting:** Stores code in the cloud.
- **Collaboration:** Enables multiple developers work on same project.

Key Features

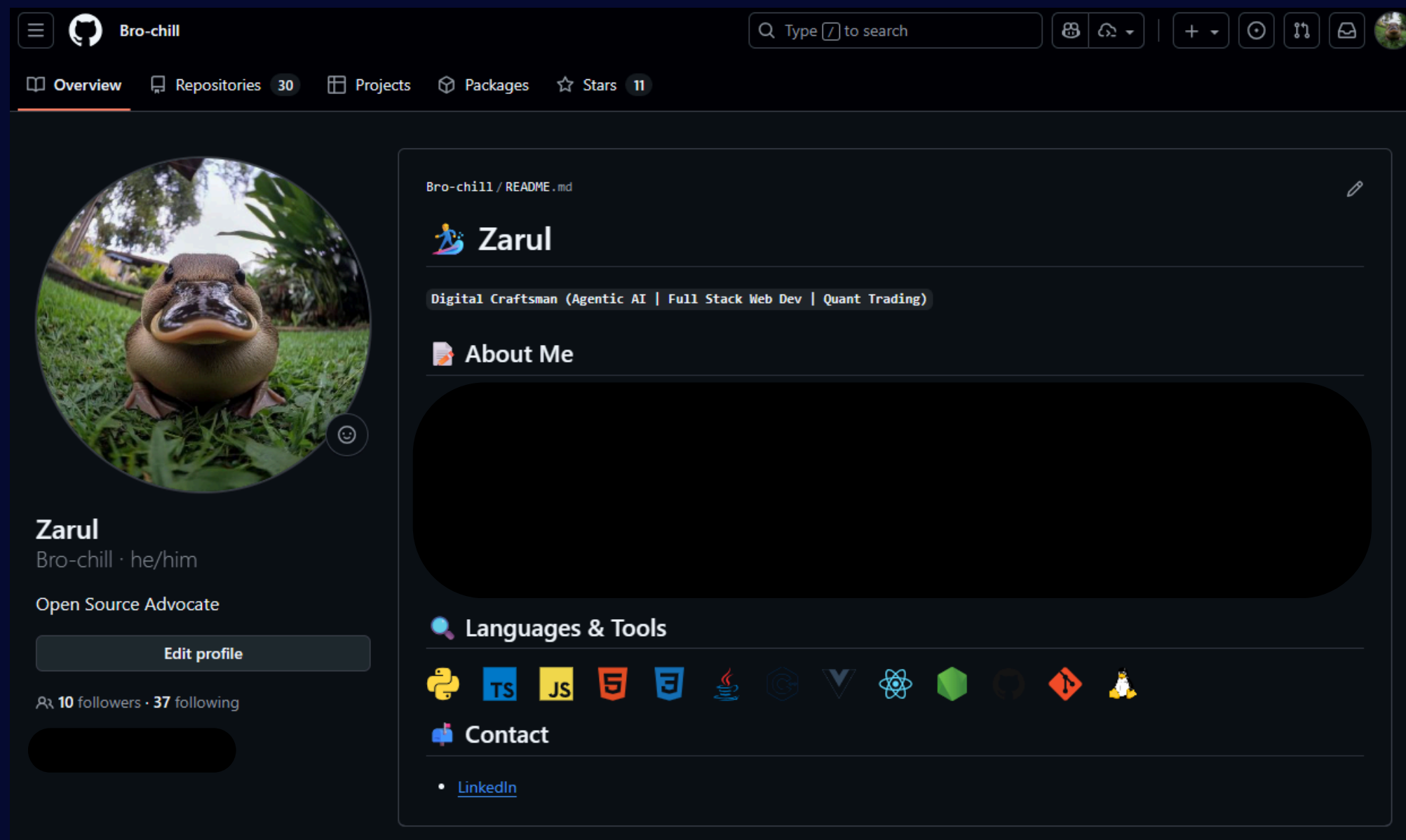
- **Repositories:** Container for project files.
- **Actions:** Built-in CI/CD workflows.
- **Discussions:** Community forums for projects.

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How to create repo:

- Create account at: <https://github.com>
- Login to your account.

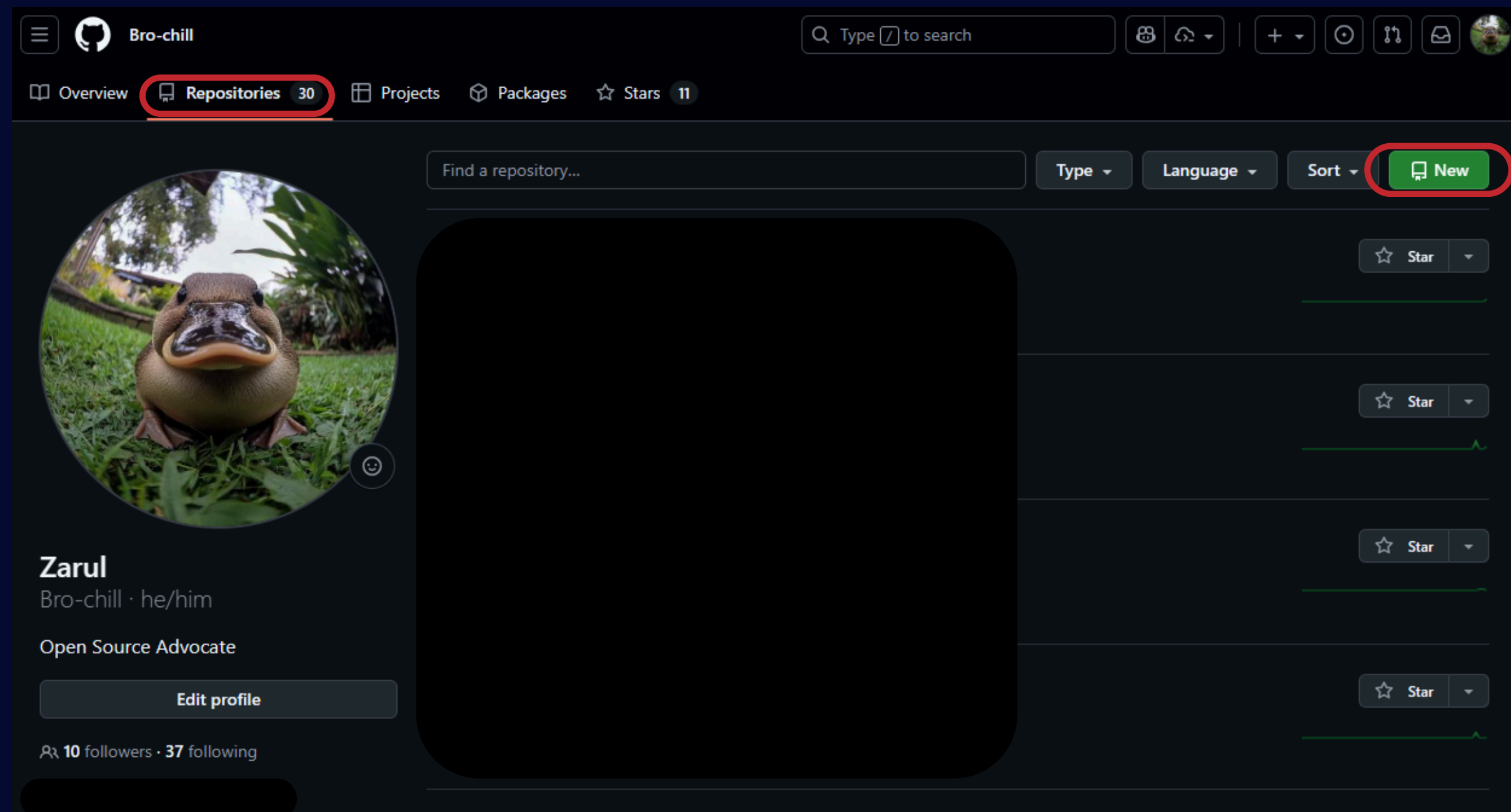


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How to create repo:

- Click create new repository



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How to create repo:

- General information
 - Be explicit when naming and describing your repo


Create a new repository

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository.](#)
Required fields are marked with an asterisk ().*

1

General

Owner *

 Bro-chill ▾

Repository name *

test

✔ test is available.

Great repository names are short and memorable. How about **verbose-rotary-phone**?

Description

test repo

9 / 350 characters

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How to create repo:

- Configuration
 - Visibility: Public/Private (Depends on you)
 - Add README.md: On/Off (Recommend off, write on IDE)
 - Add .gitignore: No .gitignore (Create on IDE)
 - Add license: No license (For personal project)

2 Configuration

Choose visibility *
Choose who can see and commit to this repository Public

Add README
READMEs can be used as longer descriptions. [About READMEs](#) Off

Add .gitignore
.gitignore tells git which files not to track. [About ignoring files](#) No .gitignore

Add license
Licenses explain how others can use your code. [About licenses](#) No license


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How to create repo:

- Jump start with copilot (optional)
- Click “create repository”

3

Jumpstart your project with Copilot (optional) 

Tell Copilot what you want to build in this repository. After creation, Copilot will open a pull request with generated files - such as a basic app, starter code, or other features you describe - then request your review when it's ready. [About Copilot coding agent](#)

Prompt

Describe what you want Copilot to build

0 / 500 characters

Create repository

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How to create repo:

- Follow provided instruction

The screenshot shows the GitHub interface for creating a new repository named "test". At the top, there are buttons for "Pin", "Watch" (0), "Fork" (0), and "Star" (0). Below these, there are two main sections: "Start coding with Codespaces" and "Add collaborators to this repository". The "Start coding with Codespaces" section includes a button "Create a codespace". The "Add collaborators to this repository" section includes a button "Invite collaborators". Below these sections, there is a "Quick setup" section with options for "Set up in Desktop", "HTTPS", and "SSH". The "SSH" option is selected, and the URL "https://github.com/Bro-chill/test.git" is displayed. Below the "Quick setup" section, there are two sections for creating a new repository on the command line. The first section, titled "...or create a new repository on the command line", is highlighted with a red border and contains the following commands:

```
echo "# test" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Bro-chill/test.git
git push -u origin main
```

 The second section, titled "...or push an existing repository from the command line", contains the following commands:

```
git remote add origin https://github.com/Bro-chill/test.git
git branch -M main
git push -u origin main
```

test Public

Pin Watch 0 Fork 0 Star 0

Start coding with Codespaces
Add a README file and start coding in a secure, configurable, and dedicated development environment.
[Create a codespace](#)

Add collaborators to this repository
Search for people using their GitHub username or email address.
[Invite collaborators](#)

Quick setup — if you've done this kind of thing before
[Set up in Desktop](#) or [HTTPS](#) [SSH](#) `https://github.com/Bro-chill/test.git`
Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# test" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Bro-chill/test.git
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/Bro-chill/test.git
git branch -M main
git push -u origin main
```


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How to create repo:

- Run instruction on ide terminal
 - replace “git add README.md” with “git add .”

...or create a new repository on the command line

```
echo "# test" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Bro-chill/test.git
git push -u origin main
```

```
● PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git init
Initialized empty Git repository in C:/Users/admin/Desktop/README/jom_hack/github_example/my_project/.git/
● PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git add .
● PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git commit -m "first commit"
[master (root-commit) 662a85f] first commit
6 files changed, 970 insertions(+)
create mode 100644 .gitignore
create mode 100644 README.md
create mode 100644 api.py
create mode 100644 database_manager.py
create mode 100644 requirements.txt
create mode 100644 streamlit_app.py
● PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git branch -M main
● PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git remote add origin https://github.com/Bro-chill/test.git
● PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git push -u origin main
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 24 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (8/8), 7.87 KiB | 7.87 MiB/s, done.
Total 8 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Bro-chill/test.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
○ PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> █
```

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How to create repo:

- Refresh your github web browser

The screenshot shows a GitHub repository named 'test' by user 'Bro-chill'. The repository is public and has 0 stars, 0 forks, and 0 watchers. It contains 1 branch (main) and 0 tags. The repository was created 1 minute ago with the commit hash 662a85f. The repository contains the following files:

File	Commit	Time
.gitignore	first commit	1 minute ago
README.md	first commit	1 minute ago
api.py	first commit	1 minute ago
database_manager.py	first commit	1 minute ago
requirements.txt	first commit	1 minute ago
streamlit_app.py	first commit	1 minute ago

The README file is titled 'My Project' and contains the text 'Name: Zarul'. The repository is created using Python 100.0%.

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Friendly Reminder:

- Always add .env in your .gitignore
- Do not push to public:
 - API keys
 - tokens
 - OAuth secrets
 - JWT secrets



Cheet Sheet:

- <https://education.github.com/git-cheat-sheet-education.pdf>