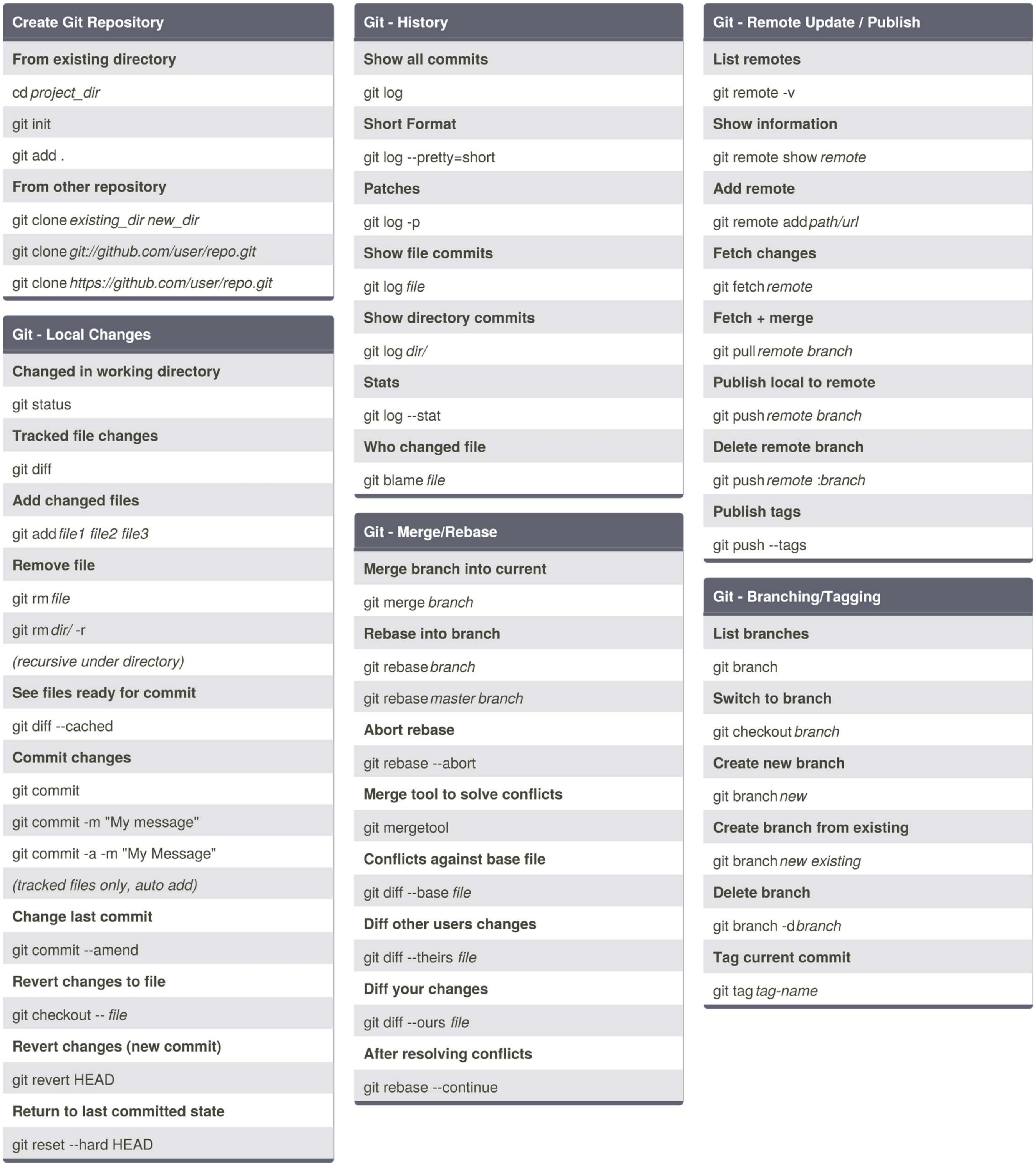
Follow me for more Cheat sheets and Coding Tips
https://www.linkedin.com/in/mfmfazrin/
https://github.com/nirzaf



Create Git Repository

From existing directory

cd *project_dir*

git init

git add .

From other repository

git clone *existing_dir new_dir*

git clone *git://github.com/user/repo.git*

git clone *https://github.com/user/repo.git*

Git - Local Changes

Changed in working directory

git status

Tracked file changes

git diff

Add changed files

git add *file1 file2 file3*

Remove file

git rm *file*

git rm *dir/* -r

(recursive under directory)

See files ready for commit

git diff --cached

Commit changes

git commit

git commit -m "My message"

git commit -a -m "My Message"

(tracked files only, auto add)

Change last commit

git commit --amend

Revert changes to file

git checkout -- *file*

Revert changes (new commit)

git revert HEAD

Return to last committed state

git reset --hard HEAD

Git - History

Show all commits

git log

Short Format

git log --pretty=short

Patches

git log -p

Show file commits

git log *file*

Show directory commits

git log *dir/*

Stats

git log --stat

Who changed file

git blame *file*

Git - Merge/Rebase

Merge branch into current

git merge *branch*

Rebase into branch

git rebase *branch*

git rebase *master branch*

Abort rebase

git rebase --abort

Merge tool to solve conflicts

git mergetool

Conflicts against base file

git diff --base *file*

Diff other users changes

git diff --theirs *file*

Diff your changes

git diff --ours *file*

After resolving conflicts

git rebase --continue

Git - Remote Update / Publish

List remotes

git remote -v

Show information

git remote show *remote*

Add remote

git remote add *path/url*

Fetch changes

git fetch *remote*

Fetch + merge

git pull *remote branch*

Publish local to remote

git push *remote branch*

Delete remote branch

git push *remote :branch*

Publish tags

git push --tags

Git - Branching/Tagging

List branches

git branch

Switch to branch

git checkout *branch*

Create new branch

git branch *new*

Create branch from existing

git branch *new existing*

Delete branch

git branch -d *branch*

Tag current commit

git tag *tag-name*

By M.F.M Fazrin