

Презентация по второму этапу индивидуального проекта

Архитектура компьютеров и операционные системы

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22 марта 2025

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Информация

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Цель работы

Изучение размещения посты на сайте.

Задание

1. Добавлять данные:
 - 1.1 Разместить фотографию владельца сайта
 - 1.2 Разместить краткое описание владельца сайта
 - 1.3 Добавить информацию об интересах
 - 1.4 Добавить информацию об образовании
2. Сделать пост по прошедшей неделе
3. Сделать пост по теме "Управление версиями GIT"

Разместить фотографию владельца сайта

Я запускаю hugo в каталоге ~/work/blog/, чтобы начать создание сайта:

```
cmutale@cmutale:~/work/blog$ ~/bin/hugo
Start building sites ...
hugo v0.134.3-5fb333b9f5fff4ec018f9d78910177d0bec1befb0+extended linux/amd64 BuildDate=2024-09-19T14:28:20Z VendorInfo=gohugoio
```

	EN
Pages	66
Paginator pages	0
Non-page files	23
Static files	1
Processed images	85
Aliases	18
Cleaned	0

```
Total in 5188 ms
cmutale@cmutale:~/work/blog$
```


Я перехожу в каталог `~/work/blog/content/post` и создаю новую папку. Создаю файл `index.md` и вставляю фотографию `featured.jpg`:

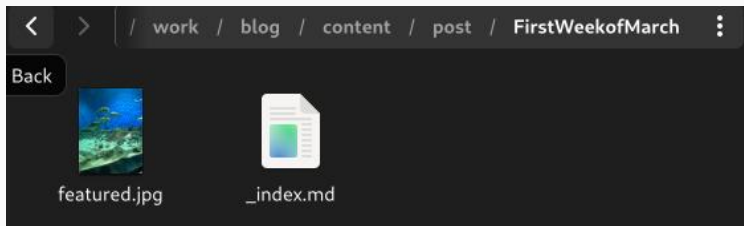


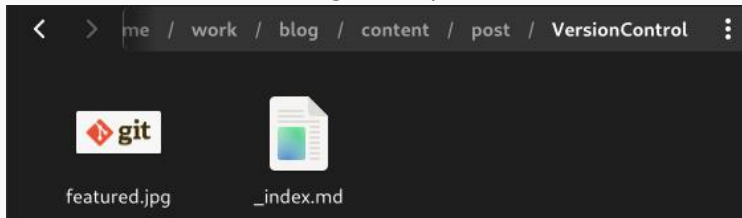
Рис. 10: `~/work/blog/content/post/FirstWeekofMarch`

Я редактирую файл и добавляю информацию по прошедшей неделе:

```
1 ---
2 title: First Week of March 2025
3 date: '2024-03-10'
4 summary: Hey Reader!   This is my first blog post, I hope you enjoy this read as much as I enjoyed writing
   it.
5 ---
6
7 ## How My Week Went
8
9 This is a summary of how my first week of march went because i definitely can't post it all :) .
10
11 My first week of March really wasn't too bad. I took a trip to the VTB Arena and that was thee highlight of
   the week. I attended a sports event (just watched soccer with my friends).I did a lot of school work and
   studying of course and I also took some walks for fresh air. I also read an article on analytic continuation
   and finally understood how the non-trivial zeros of the Zeta function are important to prove the prime number
   theorem.
12
13 I could say it was one of my most productive weeks because I was able to get all my work done on time and
   still had time for life outside school. I created this website during my first week of march as a school
   assignment but I don't think of it as school work so it can be more fun. I also wrote a new training
   algorithm for my LLM. I had a very taxi ride to the airport where I was escorting my friend, on my way back I
   got bored and made a beautiful proof on why e(euler's number) is transcendental, I also made some more proofs
   which I will post on my twitter. I did a lot of journaling and I might go back to posting vlogs and videos on
   youtube because I have gotten used to my schedule (The link to my youtube is on my twitter too) . You can
   send reccomendations of what you want to see more on my channel. How was your first week of march?
14
15 Thanks for reading!
```

Создаю ещё одну новую папку в `~/work/blog/content/post`. Создаю файл `index.md` и вставляю фотографию `featured.jpg`:

Рис. 12: `~/work/blog/content/post/VersionControl`



Я редактирую файл и добавляю информацию об управлении версиями GIT (Что это такое и как работает):

```
7
8 ## What is Version Control
9
10 Version control is a system that records changes to a file or set of files over time so that you can recall
    specific versions later.
11
12 If you are a graphic or web designer and want to keep every version of an image or layout (which you would
    most certainly want to), a Version Control System (VCS) is a very wise thing to use. It allows you to
    revert selected files back to a previous state, revert the entire project back to a previous state, compare
    changes over time, see who last modified something that might be causing a problem, who introduced an issue
    and when, and more. Using a VCS also generally means that if you screw things up or lose files, you can
    easily recover. In addition, you get all this for very little overhead.
13
14 ## How does it work?
15
16 Git works by keeping track of changes to files in a project over time. Git stores all the data and metadata
    for version control in repositories hosted on platforms like GitHub or GitLab. A repository is like a
    folder that contains all the files and folders for a project which allows collaboration among multiple
    developers by providing a central location to 'push' and 'pull' changes on a project. On your personal
    computer you can keep a local copy of this repository where you can edit your project files (what is known
    as a local repository).
17
18 Before committing your changes, you stage them in a staging area. This allows you to select which changes
    you want to include in your commit. When you're ready to save your changes, you create a commit which is a
    snapshot of the changes you made. Each commit will have a unique identifier and contain metadata like the
    author, a timestamp and a message describing the changes.
19
20 Git allows you to create branches, which are kind of like pointers to specific commits. Branches allow you
    to work on different features of your project without affecting the main codebase. When you're done with a
    branch, you can merge it back into the main branch. Git will combine all the changes from all the different
    branches. Pushing sends your local commits to a remote repository, while pulling retrieves changes from the
    remote repository.
21
22
--
```

После сохранения изменения, я отправляю все на github:

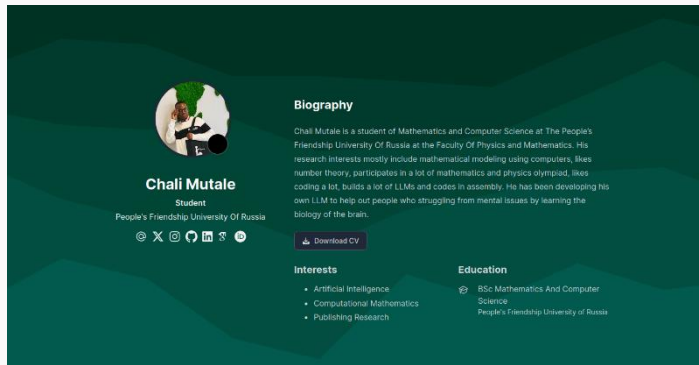


Рис. 14: Развертывание сайта

Выводы

При выполнении данной работы, я освоила размещение посты на сайте по шаблону hugo.