

# Презентация по второму этапу индивидуального проекта

Архитектура компьютеров и операционные системы

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Джаллох Ишмаил

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Российский университет дружбы народов, Москва, Россия

## Информация

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- Джаллох Ишмаил
- НКА-05-24
- Факультет: Физико-математический и естественный наук
- Российский университет дружбы народов
- 1032239614@rudn.ru
- <https://lsho-jah.github.io/>

## Цель работы

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Изучение размещения посты на сайте.

## Задание

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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:

```
jalloh_ishmail@ijalloh:~$ cd ~/work/blog
jalloh_ishmail@ijalloh:~/work/blog$ ~/bin/hugo
Start building sites ...
hugo v0.145.0-666444f0a52132f9fec9f71cf25b441cc6a4f355+extended linux/amd64 BuildDate=2025-02-26T15:41:25Z VendorInfo=gohugoio
```

	EN
Pages	66
Paginator pages	0
Non-page files	23
Static files	1
Processed images	86
Aliases	18
Cleaned	0

Total in 3210 ms

Рис. 1: Запуск hugo



## Пост по прошедшей неделе

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

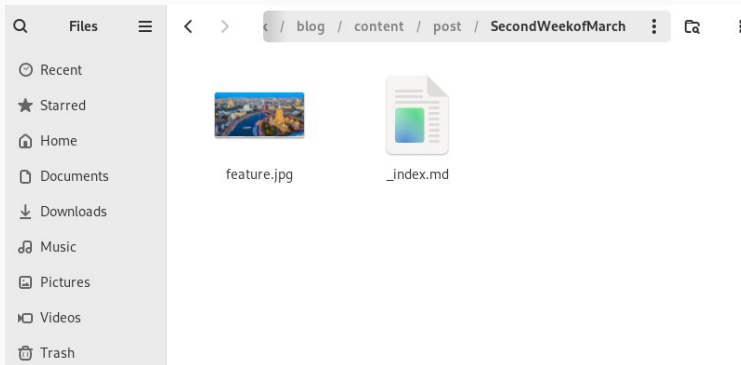


Рис. 10: `~/work/blog/content/post/FirstWeekofMarch`

Я редактирую файл и добавляю информацию по прошедшей неделе:

```
---
title: Second Week of March 2025
date: '2025-03-17'
summary: Hey Reader! This is my first blog post, I hope you find it interesting.
---

## How my week went

In my second week of March, I explore more of Moscow's charm. I visited the historic Kremlin, marveling at its cathedrals and the Isaac Bell. I stroll through Zaryadye Park offered stunning views of the city and the Moskva River. I also ventured into the State Historical Museum to dive deeper into Russia's past. I spent my evenings enjoying cozy cafes near Arbat street, soaking in the lively atmosphere. It was a week filled with history, culture, and unforgettable memories.

Thank you for reading!
```

Рис. 11: Пост по прошедшей неделе

## Пост по теме “Управление версиями GIT”

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

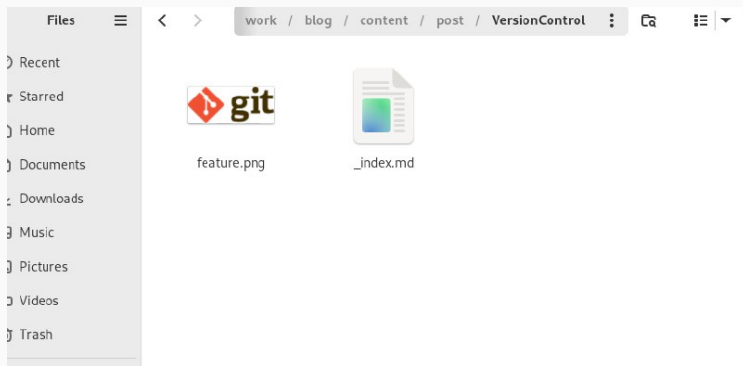


Рис. 12: `~/work/blog/content/post/VersionControl`

# Пост по теме “Управление версиями GIT”

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

```
---
title: Version Control with Git
date: 1975-03-12
summary: A short summary on what version control is and how it works.
---

## What is version control

Version control is a system that tracks and manages changes to files over time, allowing you to recall specific versions later. It is particularly useful in software development for managing source code, but it can be applied to any set of files. Version control systems (VCS) enable multiple people to collaborate on projects, track changes, and revert to previous states if something goes wrong. By maintaining a history of modifications, version control helps teams work more efficiently and ensures that everyone is working with the most up-to-date and accurate information.

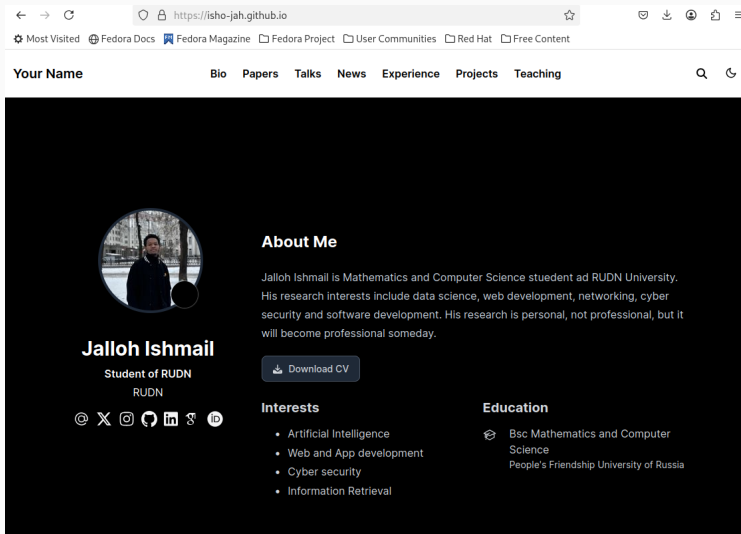
## How does it work?

Version control works by creating a repository, which is a database that stores all the changes and history of a project. When you make changes to files, you can stage those changes and then commit them to the repository. Each commit is a snapshot of the project at a particular point in time, accompanied by a message describing the changes. This process allows you to track the evolution of your project and revert to previous versions if needed. Branches can be created to work on new features or fixes independently, and these branches can later be merged back into the main codebase. This branching and merging capability is crucial for collaborative development, as it allows multiple people to work on different aspects of a project simultaneously without interfering with each other's work.

In a version control system, collaboration is facilitated through remote repositories, which serve as a central hub for sharing changes. Developers clone the remote repository to their local machines, make changes, and then push those changes back to the remote repository. To keep their local repositories up-to-date, developers pull changes from the remote repository. This push-pull mechanism ensures that everyone has access to the latest version of the project. Additionally, version control systems provide tools for resolving conflicts that may arise when multiple people modify the same file. By using commands like git pull, git push, and git merge, teams can seamlessly integrate changes and maintain a cohesive codebase. This workflow not only enhances collaboration but also provides a safety net, as the entire history of the project is preserved and can be revisited if necessary.
```

# Пост по теме “Управление версиями GIT”

После сохранения изменений, я отправляю все на github:



## Выводы

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