Индивидуальный проект

Этап 2

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Содержание

Цель работы

Добавить к сайту данные о себе и написать посты.

Ход работы
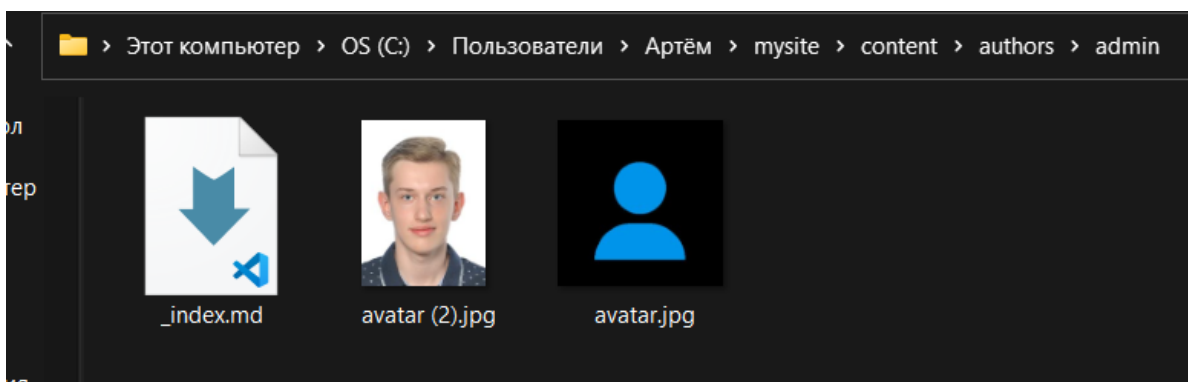
1. Я разместил свою фотографию на сайте (рис.1).

Рис.1. Добавление фотографии

2. Я разместил краткое описание себя, добавил информацию о своих интересах и образовании (рис.2).
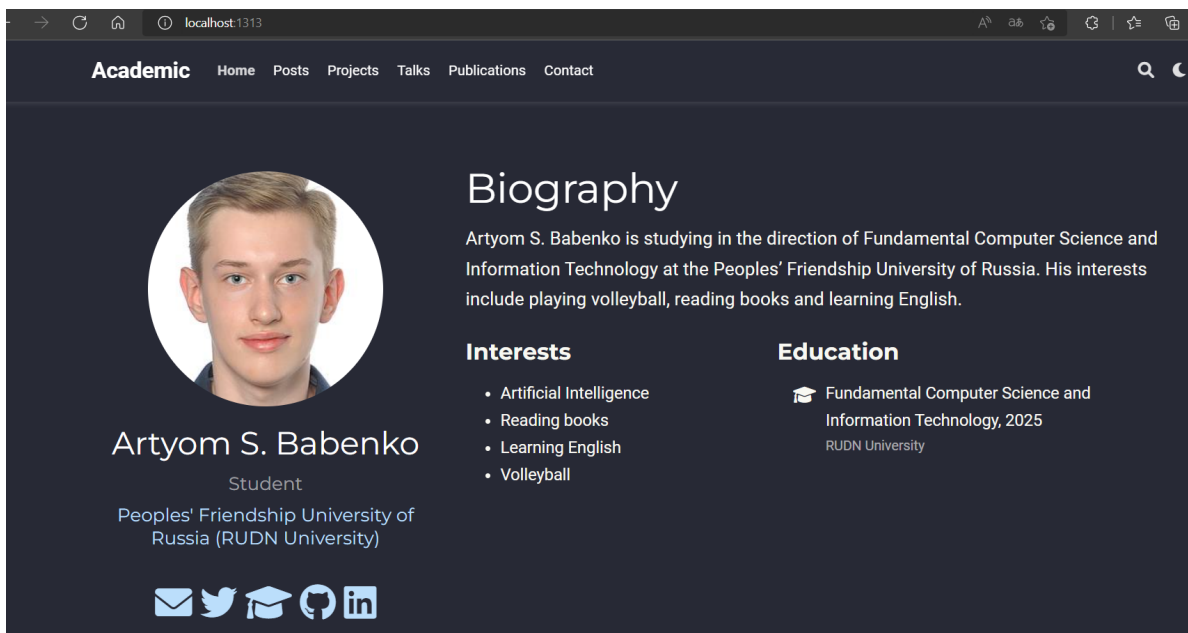
Рис.2. Размещение информации о себе

3. Сделал пост о том, как прошла моя прошлая неделя. Рассказал о своих выполненных делах, оценил свою продуктивность и многое другое (рис.3).
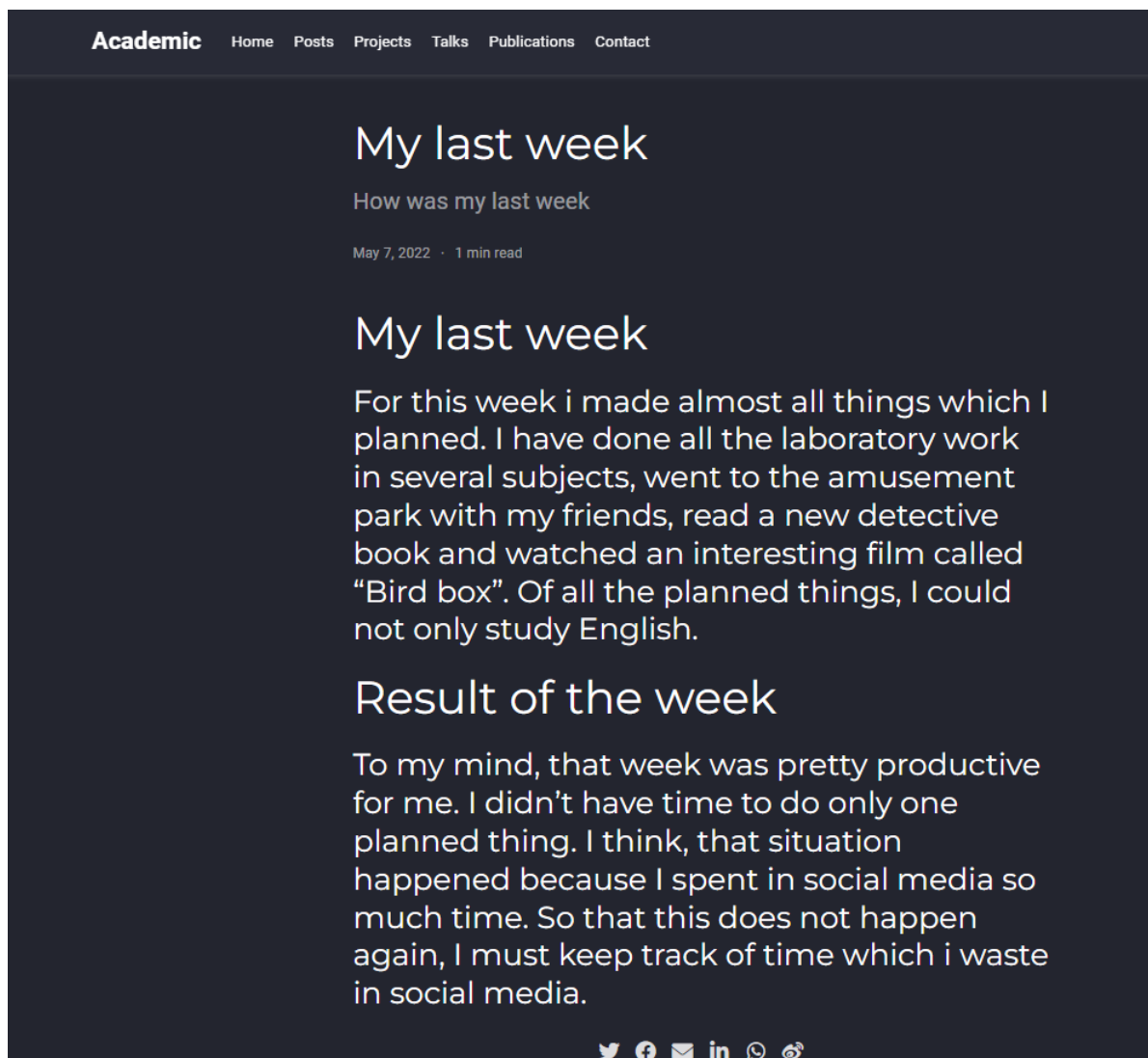

Рис.3. Пост о прошедшей неделе

4. Написал и добавил пост на тему "Непрерывная интеграция и непрерывное развертывание (CI/CD)" (рис.4,5).
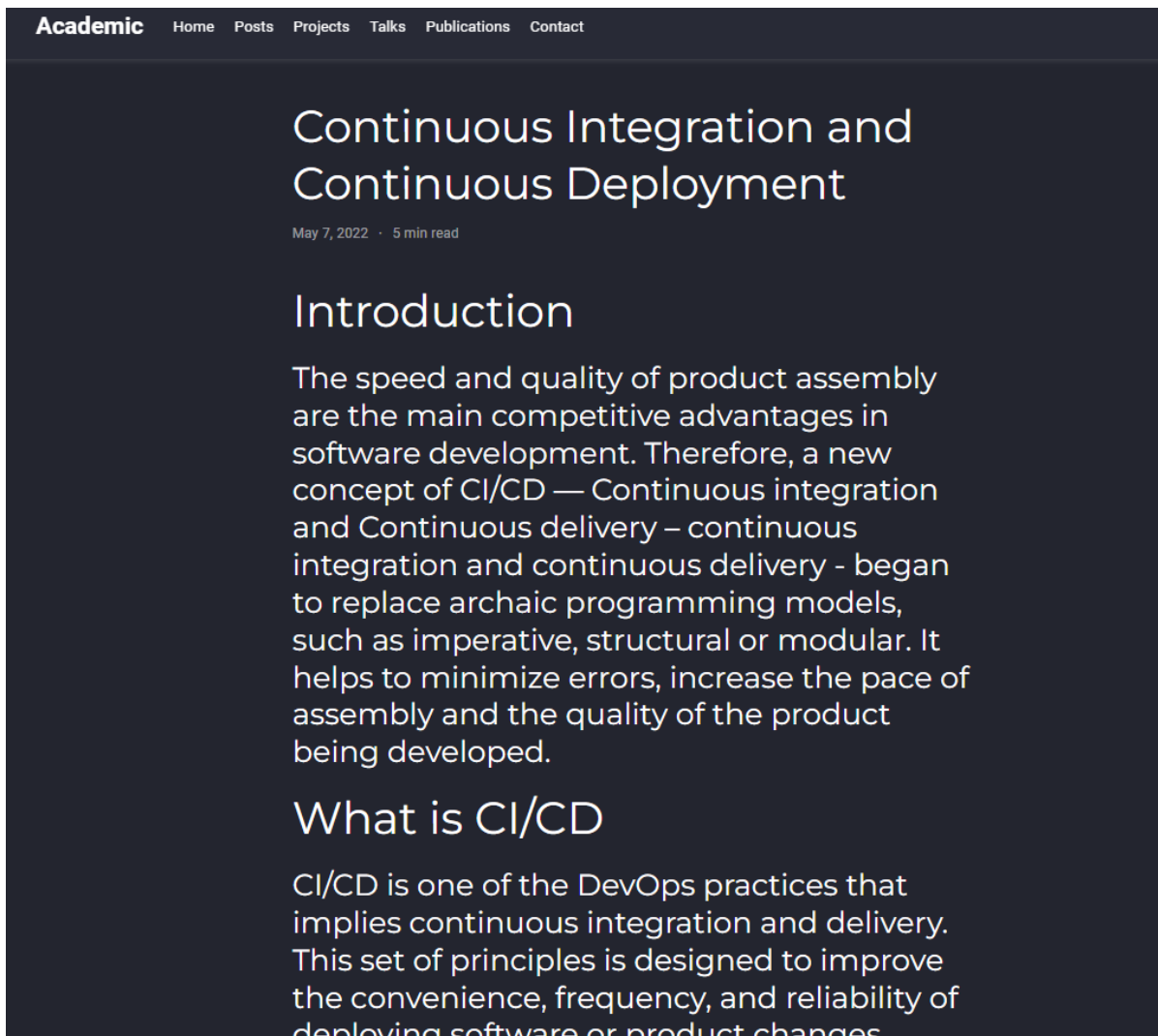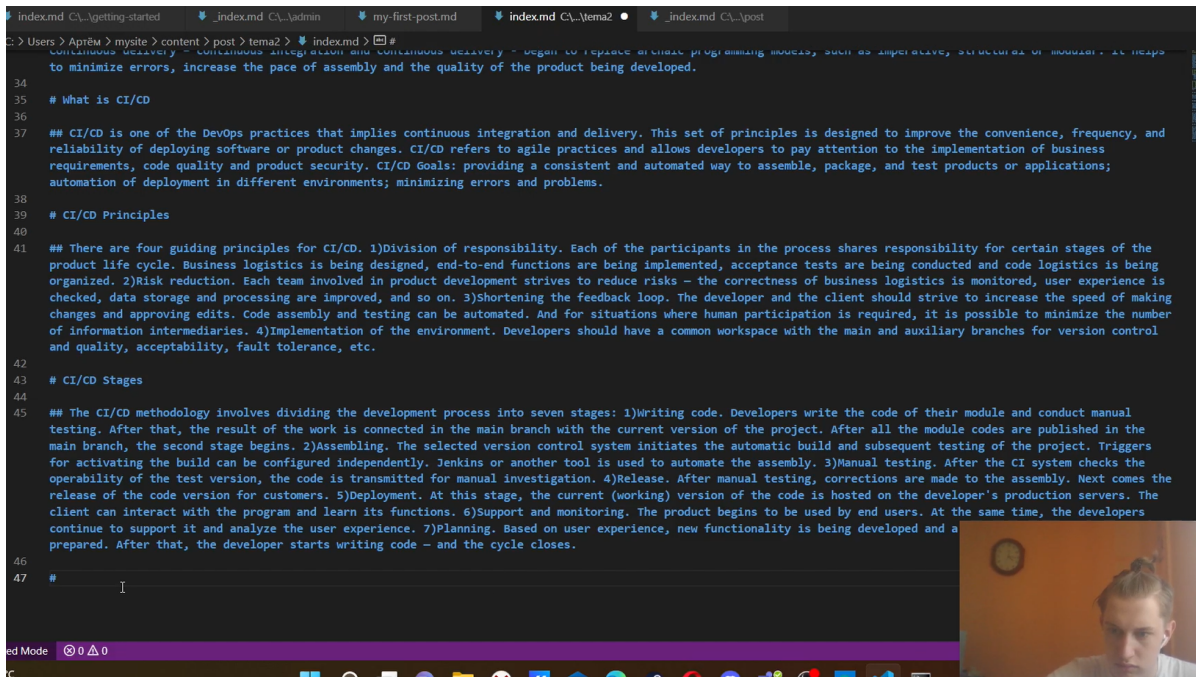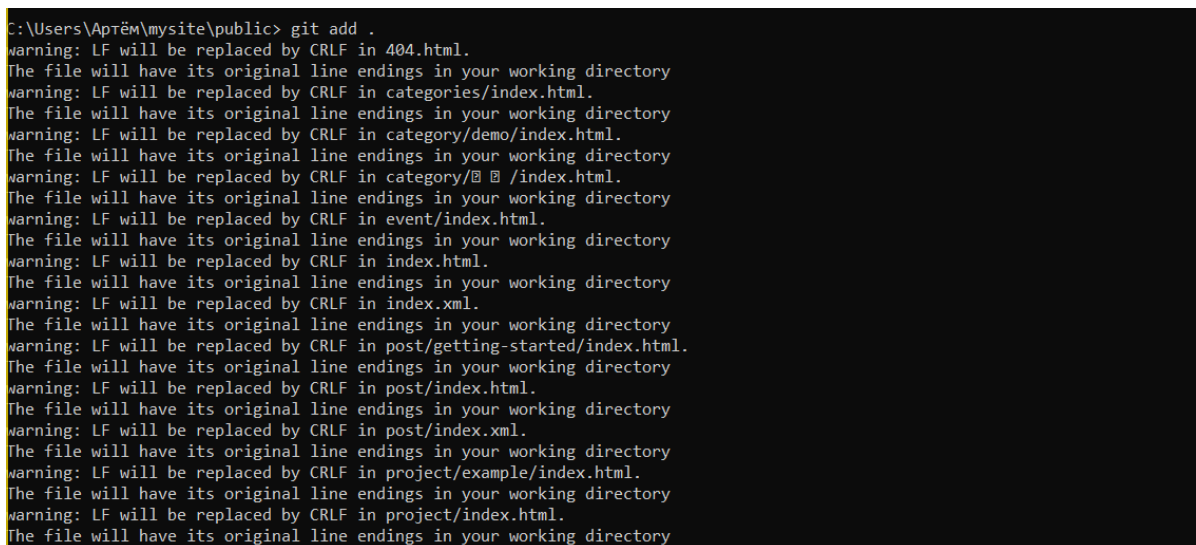
Рис.4. Пост на тему по выбору

index.md C:\...\getting-started   _index.md C:\...\admin   my-first-post.md   index.md C:\...\tema2   _index.md C:\...\post

C: > Users > Артём > mysite > content > post > tema2 > index.md

```
34    continuous delivery – continuous integration and continuous delivery – began to replace archaic programming models, such as imperative, structural or modular. It helps
      to minimize errors, increase the pace of assembly and the quality of the product being developed.
35    # What is CI/CD
36
37    ## CI/CD is one of the DevOps practices that implies continuous integration and delivery. This set of principles is designed to improve the convenience, frequency, and
      reliability of deploying software or product changes. CI/CD refers to agile practices and allows developers to pay attention to the implementation of business
      requirements, code quality and product security. CI/CD Goals: providing a consistent and automated way to assemble, package, and test products or applications;
      automation of deployment in different environments; minimizing errors and problems.
38
39    # CI/CD Principles
40
41    ## There are four guiding principles for CI/CD. 1)Division of responsibility. Each of the participants in the process shares responsibility for certain stages of the
      product life cycle. Business logistics is being designed, end-to-end functions are being implemented, acceptance tests are being conducted and code logistics is being
      organized. 2)Risk reduction. Each team involved in product development strives to reduce risks – the correctness of business logistics is monitored, user experience is
      checked, data storage and processing are improved, and so on. 3)Shortening the feedback loop. The developer and the client should strive to increase the speed of making
      changes and approving edits. Code assembly and testing can be automated. And for situations where human participation is required, it is possible to minimize the number
      of information intermediaries. 4)Implementation of the environment. Developers should have a common workspace with the main and auxiliary branches for version control
      and quality, acceptability, fault tolerance, etc.
42
43    # CI/CD Stages
44
45    ## The CI/CD methodology involves dividing the development process into seven stages: 1)Writing code. Developers write the code of their module and conduct manual
      testing. After that, the result of the work is connected in the main branch with the current version of the project. After all the module codes are published in the
      main branch, the second stage begins. 2)Assembling. The selected version control system initiates the automatic build and subsequent testing of the project. Triggers
      for activating the build can be configured independently. Jenkins or another tool is used to automate the assembly. 3)Manual testing. After the CI system checks the
      operability of the test version, the code is transmitted for manual investigation. 4)Release. After manual testing, corrections are made to the assembly. Next comes the
      release of the code version for customers. 5)Deployment. At this stage, the current (working) version of the code is hosted on the developer's production servers. The
      client can interact with the program and learn its functions. 6)Support and monitoring. The product begins to be used by end users. At the same time, the developers
      continue to support it and analyze the user experience. 7)Planning. Based on user experience, new functionality is being developed and a
      prepared. After that, the developer starts writing code – and the cycle closes.
46
47    #
```

Рис.5. Процесс написания поста

2. Я запушил и закоммитил папку, для того чтобы мой сайт могли видеть все (рис.6,7).

```
C:\Users\Артём\mysite\public> git add .
warning: LF will be replaced by CRLF in 404.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in categories/index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in category/demo/index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in category/▯ ▯ /index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in event/index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in index.xml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in post/getting-started/index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in post/index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in post/index.xml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in project/example/index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in project/index.html.
The file will have its original line endings in your working directory
```

Рис.6,7. Использование команд add, push и commit

Выводы

Я научился добавлять на сайт данные о себе и писать посты.