

Отчёт о выполнении третьего этапа индивидуального проекта

Добавление достижения к сайту

Джаллох Ишмаил

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Список таблиц

1 Цель работы

Цель данной работы является добавлением к сайту достижения.

2 Задание

1. Список достижения:
2. Добавить информацию о навыках
3. Добавить информацию об опыте
4. Добавить информацию о достижениях
5. Сделать пост по прошедшей неделе
6. Сделать пост на тему по выбору

3 Выполнение лабораторной работы

3.1 Список достижения

Сначала я создал локальный сервер, чтобы следить за страницей во время редактирования с помощью команды `hugo server`:

```
jalloh_ishmail@ijalloh:~/work/blog$ ~/bin/hugo server
Watching for changes in /home/jalloh_ishmail/work/blog/{assets,content,layouts,static}
Watching for config changes in /home/jalloh_ishmail/work/blog/config/_default, /home/jalloh_ishmail/work/blog/go.mod
Start building sites ...
hugo v0.145.0-666444f0a52132f9fec9f71cf25b441cc6a4f355+extended linux/amd64 BuildDate=2025-02-26T15:41:25Z VendorInfo=gohugoio

-----+-----
| EN
-----+-----
Pages           | 70
Paginator pages | 0
Non-page files  | 25
Static files    | 1
Processed images | 86
Aliases         | 20
Cleaned         | 0

Built in 1072 ms
Environment: "development"
Serving pages from disk
Running in Fast Render Mode. For full rebuilds on change: hugo server --disableFastRender
Web Server is available at http://localhost:1313/ (bind address 127.0.0.1)
Press Ctrl+C to stop
^Cjalloh_ishmail@ijalloh:~/work/blog$
```

Рис. 3.1: Создание локального сервера

3.1.1 Добавить информацию о навыках

Далее я перешел в каталог `~/work/blog/content/authors/admin` и редактировала файл `_index.md`:

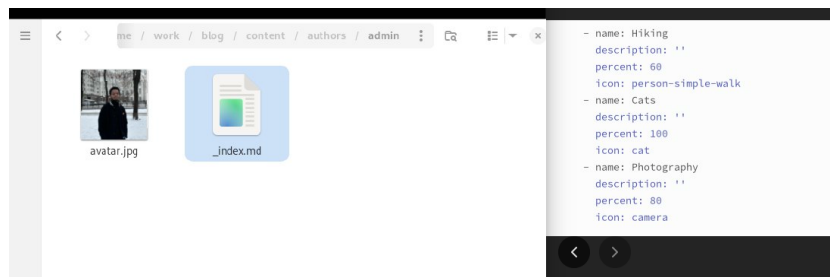


Рис. 3.2: authors/admin

Я добавил технические навыки и хобби:



Рис. 3.3: Технические навыки



Рис. 3.4: Хобби

На локальном сервере я проверил изменения:

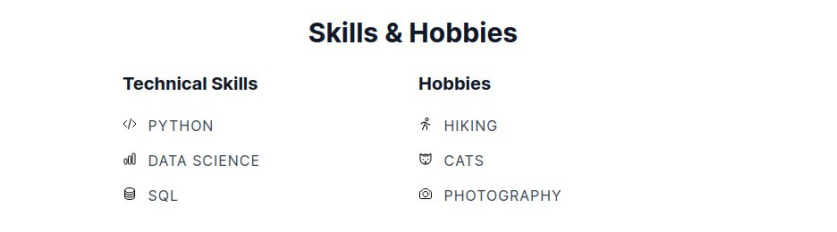


Рис. 3.5: Проверка добавление навыка

3.1.2 Добавить информацию об опыте

Чтобы добавить информацию об опыте, я перешел в `~/work/blog/content` и открыл файл `_index.md` для редактирования:

```
work:
- position: Director of Cloud Infrastructure
  company_name: GenCoin
  company_url: ''
  company_logo: ''
  date_start: 2021-01-01
  date_end: ''
  summary: |2-
    Responsibilities include:
    - lorem ipsum dolor sit amet, consectetur adipiscing elit
    - lorem ipsum dolor sit amet, consectetur adipiscing elit
    - lorem ipsum dolor sit amet, consectetur adipiscing elit
- position: Backend Software Engineer
  company_name: X
  company_url: ''
  company_logo: ''
  date_start: 2016-01-01
  date_end: 2020-12-31
  summary: |
    Responsibilities include:
    - Migrated infrastructure to a new data center
    - lorem ipsum dolor sit amet, consectetur adipiscing elit
    - lorem ipsum dolor sit amet, consectetur adipiscing elit
```

Рис. 3.6: `_index.md`

Я заменил существующую информацию на свою собственную:

```
work:
- position: Director of Cloud Infrastructure
  company_name: DataInsight Analytics
  company_url: 'https://www.datainsight.com'
  company_logo: '/logos/datainsight.png' # Replace with actual logo path
  date_start: 2021-01-01
  date_end: ''
  summary: |2-
    Responsibilities include:
    - Designed and scaled cloud infrastructure to handle large-scale data processing and analytics workloads
    - Implemented cost-optimized data pipelines for real-time and batch analytics (AWS Redshift, Snowflake)
    - Led migration from on-prem Hadoop clusters to cloud-native solutions (AWS/GCP), reducing costs by 35%
- position: Backend Software Engineer
  company_name: CodeCraft Online
  company_url: 'https://www.codecraft.io'
  company_logo: '/logos/codecraft.png' # Replace with actual logo path
  date_start: 2016-01-01
  date_end: 2020-12-31
  summary: |
    Responsibilities include:
    - Developed low-latency APIs (Node.js/Python) for an interactive online coding platform, serving 500K+ users
    - Optimized backend systems to support real-time code execution and collaboration (WebSockets, Docker)
    - Built automated testing infrastructure for user-submitted code, improving grading speed by 40%
```

Рис. 3.7: Замена информации

На локальном сервере я проверил изменения:

Experience

Director of Cloud Infrastructure

DataInsight Analytics
January 2021 – April 2022

Responsibilities include:

- Designed and scaled cloud infrastructure to handle large-scale data processing and analytics workloads
- Implemented cost-optimized data pipelines for real-time and batch analytics (AWS Redshift, Snowflake)
- Led migration from on-prem Hadoop clusters to cloud-native solutions (AWS/GCP), reducing costs by 35%

Backend Software Engineer

CodeCraft Online
January 2019 – December 2020

Responsibilities include:

- Developed low-latency APIs (Node.js/Python) for an interactive online coding platform, serving 500K+ users
- Optimized backend systems to support real-time code execution and collaboration (WebSockets, Docker)
- Built automated testing infrastructure for user-submitted code, improving grading speed by 40%

Рис. 3.8: Проверка добавление опыта

3.1.3 Добавить информацию о достижениях

В том же файле, где я добавил информацию об опыте, я заменяю информацию о достижениях на свою:

```

# Awards.
# Add/remove as many awards below as you like.
# Only 'title', 'awarder', and 'date' are required.
# Begin multi-line 'summary' with YAMLS '|' or '|2-' multi-line prefix and indent 2 spaces below.
awards:
  - title: Neural Networks and Deep Learning
    url: https://www.coursera.org/learn/neural-networks-deep-learning
    date: '2023-11-25'
    awarder: Coursera
    icon: coursera
    summary: |
      I studied the foundational concept of neural networks and deep learning. By the end, I was familiar with the significant technological trends driving the rise of deep learning; build, train, and apply fully connected deep neural networks; implement efficient (vectorized) neural networks; identify key parameters in a neural network's architecture; and apply deep learning to your own applications.
  - title: Blockchain Fundamentals
    url: https://www.sdx.org/professional-certificate/uc-berkeley-blockchain-fundamentals
    date: '2023-07-01'
    awarder: sdx
    icon: sdx
    summary: |
      Learned:
      - Synthesize your own blockchain solutions
      - Gain an in-depth understanding of the specific mechanics of Bitcoin
      - Understand Bitcoin's real-life applications and learn how to attack and destroy Bitcoin, Ethereum, smart contracts and Dapps, and alternatives to Bitcoin's Proof-of-Work consensus algorithm
  - title: 'Object-Oriented Programming in R'
    url: https://www.datacamp.com/courses/object-oriented-programming-with-s3-and-r6-in-r
    certificate_url: https://www.datacamp.com
    date: '2023-01-21'
    awarder: datacamp
    icon: datacamp
    summary: |
      Object-oriented programming (OOP) lets you specify relationships between functions and the objects that they can act on, helping you manage complexity in your code. This is an intermediate level course, providing an introduction to OOP, using the S3 and R6 systems. S3 is a great day-to-day R programming tool that simplifies some of the functions that you write. R6 is especially useful for industry-specific analyses, working with web APIs, and building GUIs.
---

```

Рис. 3.9: Достижения

```

# Awards.
# Add/remove as many awards below as you like.
# Only 'title', 'awarder', and 'date' are required.
# Begin multi-line 'summary' with YAMLS '|' or '|2-' multi-line prefix and indent 2 spaces below.
awards:
  - title: Advanced Machine Learning Specialist
    url: https://www.coursera.org/professional-certificates/advanced-ml
    date: 2023-09-15
    awarder: Coursera
    icon: coursera
    summary: |
      - Mastered production-grade ML pipelines using TensorFlow Extended (TEEX)
      - Deployed models at scale with Vertex AI
      - Earned top 5% ranking in final capstone project
  - title: Blockchain Fundamentals
    url: https://www.sdx.org/professional-certificate/uc-berkeley-blockchain-fundamentals
    date: 2023-07-01
    awarder: sdx (UC Berkeley)
    icon: sdx
    summary: |
      Key learnings:
      - Designed blockchain solutions and understood Bitcoin mechanics.
      - Explored Ethereum, smart contracts, and consensus algorithms.
      - Analyzed real-world applications and security challenges.
  - title: Cybersecurity Leadership
    url: https://www.data.com/certifications
    date: 2022-11-15
    awarder: datacamp
    icon: datacamp
    summary: |
      - Certified Information Systems Security Professional
      - 8 domains of cybersecurity mastery
      - Recognized global standard for security leaders
---

```

Рис. 3.10: Замена информации о достижениях

4 Пост по прошедшей неделе

Я создал папку lastweekofMarch и в ней вставил фотографию и файл index.md:

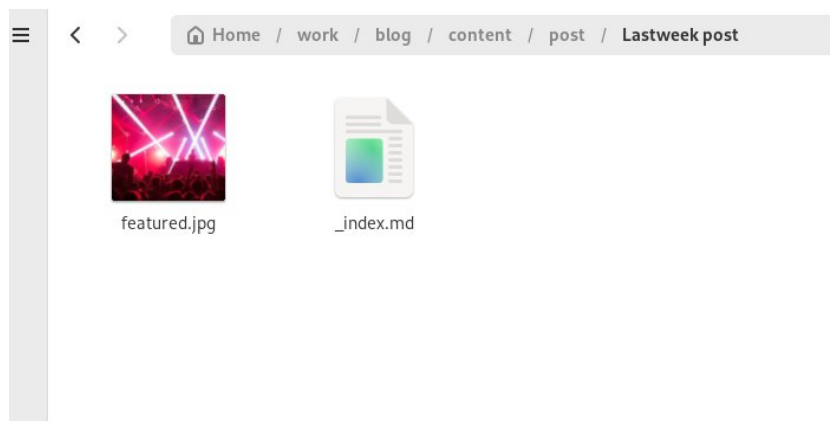


Рис. 4.1: Создание папки

Затем я редактировал файл index.md:

```
---
title: Last Week of March 2025
date: !2025-03-22!
Summary: Hey Reader! This is my last week of march blog post, I hope you find it interesting.
---

## My last week of march

This past week was a whirlwind of deadlines, caffeine, and just enough fun to keep me sane! Between back-to-back classes and a major midterm that had me glued to my notes, I definitely earned those dark circles under my eyes. But it wasn't all stress—I stole moments of joy at the club's game night, where laughing over board games with friends reminded me there's life beyond textbooks. Sure, I survived on instant noodles and am study sessions, but hey, that's the student hustle, right? Here's to hoping next week brings slightly more sleep and slightly fewer highlighters running dry. Student life is a survival mode
```

Рис. 4.2: Редактирование файла

5 Пост на тему по выбору

Я создал папку Markdown и в ней вставил фотографию и файл markdown.md:

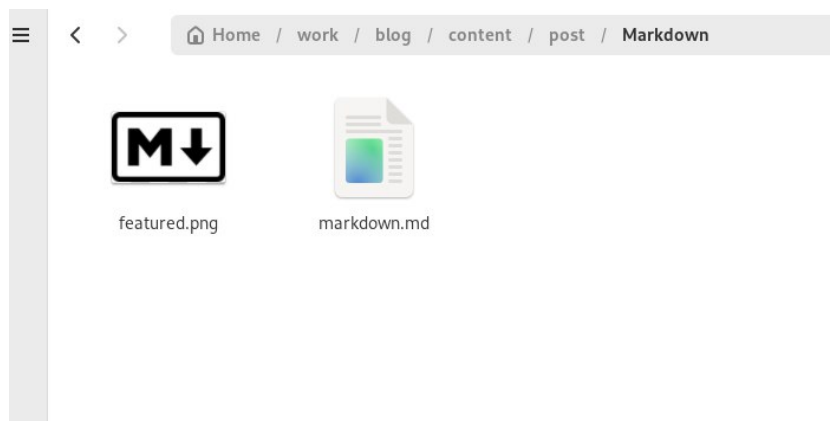


Рис. 5.1: Создание папки markdown

Затем я редактировал файл markdown.md:

```
---
title: Markdown Markup Language
date: 2025-03-30
summary:
---

## What is Markdown

Markdown is a lightweight markup language created in 2004 by John Gruber and Aaron Swartz to simplify writing for the web. Unlike complex formats like LaTeX, Markdown uses plain-text syntax that converts seamlessly to HTML, PDFs, and other formats-making it perfect for notes, docs, and even websites.

## Why Markdown?

Easy to Learn: Format text with symbols like #, *, and -.
Portable: Works everywhere (GitHub, blogs, note-taking apps).
Versatile: Supports tables, code blocks, and embedded HTML.

## Basic Syntax

# Heading 1
## Heading 2

- List item
**Bold** or *italic*

[Link](https://example.com)
`inline code`

## Where It Shines

- GitHub Docs: .md files power READMEs and wikis.
- Static Sites: Used with generators like Jekyll or Hugo.
- Note-Taking: Apps like Obsidian and Notion rely on it.

## Limitations

No native support for complex layouts (e.g., multi-column text).
Syntax varies slightly across implementations (CommonMark vs. GitHub Flavored Markdown).
```

Рис. 5.2: редактирование файла markdown

На локальном сервере я проверил изменения:

Blog

Markdown Markup Language

What is Markdown Markdown is a lightweight markup language created in 2004 by John Gruber and Aaron Swartz to simplify writing for the web. Unlike complex formats like LaTeX, Markdown uses...

Mar 30, 2025



Last Week of March 2025

Hey Reader! This is my last week of march blog post, I hope you find it interesting.

Mar 27, 2025

Рис. 5.3: Проверка добавление постов

Я переносил все изменения в репозиторий блога моего github:

```
jalloh_ishmail@ijalloh:~/work/blog$ git commit -am "files for stage 3 work"
[main 61fc5dc] files for stage 3 work
5 files changed, 57 insertions(+), 44 deletions(-)
delete mode 100644 content/post/SecondWeekofMarch/feature.jpg
delete mode 100644 content/post/VersionControl/feature.png
```

Рис. 5.4: to blog repository

Я перешел в каталог public и переносил все изменения в репозиторий сайта моего github:

```
jalloh_ishmail@ijalloh:~/work/blog$ cd public
jalloh_ishmail@ijalloh:~/work/blog/public$ git add .
jalloh_ishmail@ijalloh:~/work/blog/public$ git commit -am "files for stage 3 work"
[main 4aa4aad] files for stage 3 work
66 files changed, 4441 insertions(+), 131 deletions(-)
create mode 100644 featured.jpg
create mode 100644 featured.png
create mode 100644 post/Lastweek post/featured.jpg
create mode 100644 post/Markdown/featured.png
create mode 100644 post/lastweek-post/featured.jpg
create mode 100644 post/lastweek-post/featured_hu_9154a7693339b226.webp
create mode 100644 post/lastweek-post/index.html
create mode 100644 post/lastweek-post/index.xml
create mode 100644 post/lastweek-post/page/1/index.html
create mode 100644 post/markdown/featured.png
create mode 100644 post/markdown/featured_hu_bd93e353a98f9c5a.webp
create mode 100644 post/markdown/index.html
create mode 100644 post/markdown/index.xml
create mode 100644 post/markdown/markdown/index.html
create mode 100644 post/markdown/page/1/index.html
create mode 100644 post/secondweekofmarch/featured.jpg
create mode 100644 post/secondweekofmarch/featured_hu_e19cc71607a4ad8c.webp
create mode 100644 post/versioncontrol/featurd.png
```

Рис. 5.5: to site repository

6 Выводы

При выполнении данной работы я освоил размещение информацию на сайт.

Список литературы

Font awesome icons