

Project: N/A

| Day | Topic | Details |
|------------|--|--|
| 23.02.2024 | Training C++: https://www.learncpp.com | <ol style="list-style-type: none">1. Started to read and practice examples and exercises from Chapter 25: Virtual Functions (subchapter 25.1-25.7)2. Commit and push Chapter25 with its files3. Subchapter 25.7(Pure virtual functions, abstract base classes, and interface classes) - in progress4. Task 1: started with a draft file - commit and push: automobil.cpp: - in progress |
| 26.02.2024 | Training C++: https://www.learncpp.com | <ol style="list-style-type: none">1. Started to read and practice examples and exercises from Chapter 25: Virtual Functions (subchapter 25.7-25.11)2. Commit and push Chapter25 with its files3. Subchapter 25.x(summary and quiz) - in progress |
| 27.02.2024 | Training C++: https://www.learncpp.com | <ol style="list-style-type: none">1. Started to practice examples and exercises from Chapter 25.x(Chapter 25 summary and quiz) and read chapter 26.2. Commit and push the rest of the files from chapter 25 and some of the practice files from chapter 26.3. Subchapter 26.4 - in progress4. Task 1: some small modifications for the draft file - commit and push: automobil.cpp: - in progress |
| 28.02.2024 | Training C++: https://www.learncpp.com | <ol style="list-style-type: none">1. Started to practice examples and exercises from Chapter 26.4-26.x and 27.1-27.42. Commit and push the rest of the files from chapters 26 and some of the practice files from chapter 27.3. Subchapter 27.5 - in progress. |
| 29.02.2024 | Training C++: https://www.learncpp.com | <ol style="list-style-type: none">1. Started to practice examples and exercises from Chapters 27.7-27.x and 28 |

| | | |
|------------|--|--|
| | | <p>2. Commit and push the rest of the files from chapters 27 and some of the practice files from chapter 28.</p> <p>3. Some subchapters left behind - in progress</p> |
| 01.03.2024 | Training C++: https://www.learncpp.com | <p>1. Started to take a quick look and practice examples and exercises from Chapters left behind: 17, 18, 19, 20</p> <p>2. Commit and push of the practice files from the chapters above</p> <p>3. 2 more chapters left behind: 21, 22 - in progress</p> |
| 04.03.2024 | Training C++: https://www.learncpp.com | <p>1. Started to take a quick look and practice examples and exercises from Chapter left behind 21</p> <p>2. Commit and push of the practice files from the chapter above</p> <p>3. Chapter 22 - in progress</p> |
| 05.03.2024 | Training C++: https://www.learncpp.com | <p>1. Started to take a quick look and practice examples and exercises from Chapter left behind 22: Smart pointers</p> <p>2. Commit and push of the practice files from the chapter above</p> <p>3. 22.5 chapter - in progress</p> |
| 06.03.2024 | Training C++: https://www.learncpp.com | <p>1. Practice examples and exercises from Chapter left behind 22.5 - 22.x: Smart pointers</p> <p>2. Commit and push of the practice files from the chapter</p> <p>3. Task 1 - draft - in progress</p> |
| 07.03.2024 | Training C++: https://www.learncpp.com | <p>1. Worked on Task1</p> <p>2. Commit and push of drafts for the subtasks</p> <p>3. Task1 - in progress - To do some modifications</p> <p>4. Attended Digital Academy meeting and weekly sync SDV</p> |
| 08.03.2024 | Task1 | <p>1. Worked on Task1</p> <p>2. Commit and push the subtasks for Task1 in the: Training/Task/Task1/Subtask1/ Subtask1/automobil.cpp Subtask1/automobil.h Subtask1/masina1.cpp Subtask1/masina1.h</p> |

| | | |
|------------|---|---|
| | | <p>Subtask1/masina2.cpp Subtask1/masina2.h Subtask1/main.cpp</p> <p>Training/Task/Task2/Subtask2/: Subtask2/automobil.cpp Subtask2/automobil.h Subtask2/masina1.cpp Subtask2/masina1.h Subtask2/masina2.cpp Subtask2/masina2.h Subtask2/main.cpp</p> <p>Training/Task/Task3/Subtask3/: Subtask2/automobil.cpp Subtask2/automobil.h Subtask2/masina1.cpp Subtask2/masina1.h Subtask2/masina2.cpp Subtask2/masina2.h Subtask2/main.cpp</p> <p>Training/Task/Task4/Subtask4/: Subtask4/automobil.cpp</p> <p>3. Task 2 - to do</p> |
| 11.03.2024 | Task 2 + Documentatie proiect | <p>1. Read project documentation received this morning</p> <p>2. Worked on task 2</p> <p>3. Commit and push of a draft of practice files for Task2 on branch featureTraining: Task/Task2/smartPointersRawUnique.cpp Task/Task2/smartPtrSharedUnique.cpp Task/Task2/smartPtrSharedWeak.cpp</p> <p>4. Task 2 - to add some modifications - in progress</p> |
| 12.03.2024 | Task2 + Design Patterns in Modern C++ on udey | <p>1. Continue working on task 2</p> <p>2. Commit and push of the final practice files for Task2 on branch featureTraining: Task/Task2/smartPointersRawUnique.cpp Task/Task2/smartPtrSharedUnique.cpp Task/Task2/smartPtrSharedWeak.cpp</p> |

| | | |
|------------|---|--|
| | | <ol style="list-style-type: none"> 3. Started the course Design Patterns in Modern C++ on udemy and done: Section1, Section 2(2, 3, 4 (4 in progress) subsections): commit and push the practice files from the course on branch featureTraining: 4. Course Design Patterns in Modern C++ - section 2 (4 in progress and so on subsections) - in progress |
| 13.03.2024 | Design Patterns in Modern C++ on Udemy + Generative AI on Udemy | <ol style="list-style-type: none"> 1. Generative AI: AI for Business Leaders - done 2. Generative AI for Leaders & Business Professional - in progress 3. Course Design Patterns in Modern C++ - section 4 - in progress 4. Commit and push of the practice files from section2 and section3 |
| 14.03.2024 | Design Patterns in Modern C++ on Udemy + Generative AI on Udemy | <ol style="list-style-type: none"> 1. Generative AI for Leaders & Business Professional - in progress 2. Course Design Patterns in Modern C++ - section 4 - done; section 5 - in progress 3. Commit and push of the practice files from section4 4. Attended the RDR ADAS Training level 1 |
| 15.03.2024 | Design Patterns in Modern C++ on Udemy + Generative AI on Udemy | <ol style="list-style-type: none"> 1. Course Design Patterns in Modern C++ - took a quick look on the section 5 - done; section 6 - Singleton for Task3 done 2. Commit and push of the practice files from the sections above 3. Generative AI for Leaders & Business Professional - in progress 4. Task 3 - to do |
| 18.03.2024 | Task3 + Generative AI on Udemy | <ol style="list-style-type: none"> 1. Worked on task3 2. Commit and push of the final files for Task3: Task3/Subtask1/CarFactory.h Task3/Subtask1/CustomCar.h Task3/Subtask1/CustomCarFactory.h Task3/Subtask1/main.cpp Task3/Subtask1/main.cpp Task3/Subtask2/main.cpp 3. Generative AI for Leaders & Business Professional - done 4. artificial intelligence ethics certification in progress |

| | | |
|------------|---|--|
| 19.03.2024 | Learn Multithreading in C++ + Generative AI on Udemy | <ol style="list-style-type: none"> 1. artificial intelligence ethics certification - done 2. github copilot: use ai to write code for you! (copilot 2024) - in progress 3. Learn Multithreading in C++ Udemy course - in progress |
| 20.03.2024 | Learn Multithreading in C++ + Generative AI on Udemy | <ol style="list-style-type: none"> 1. github copilot: use ai to write code for you! (copilot 2024) - done 2. Python Mastery with Tabnine: AI-Enhanced Coding Efficiency - in progress 3. Learn Multithreading in C++ Udemy course - in progress 4. Commit and push the practice files from the learn multithreading course 5. Attended the "Unlock the power of AI" - Tech talk session 1 |
| 21.03.2024 | Learn Multithreading in C++ + Generative AI on Udemy+Task4 | <ol style="list-style-type: none"> 1. Learn Multithreading in C++ Udemy course - done 2. Commit and push the practice files from the learn multithreading course 3. Task 4 - done (commit and push done) 4. Python Mastery with Tabnine: AI-Enhanced Coding Efficiency - in progress |
| 22.03.2024 | Multiproccesing-socket programming + Generative AI on Udemy+Task5 | <ol style="list-style-type: none"> 1. Read the documentation for multiprocessing task 2. Commit and push the practice files related to multiprocessing 3. Task5 - in progress 4. Generative AI: Python Mastery with Tabnine: AI-Enhanced Coding Efficiency - done 5. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - in progress |
| 25.03.2024 | Task5 + Generative AI on Udemy | <ol style="list-style-type: none"> 1. Task 5 done: Commit and push the final files related to multiprocessing (sockets and shared memory) 2. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - in progress |
| 26.03.2024 | Generative AI on Udemy + Observer documentation for Task6 | <ol style="list-style-type: none"> 1. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - in progress 2. Read some documentation about Observer and how to be implemented in C++ 3. Commit and push of some practice files and draft for task6 related to observer pattern implementation |
| 27.03.2024 | Generative AI on Udemy + Task6 + Task7 | <ol style="list-style-type: none"> 1. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - in progress |

| | | |
|------------|--|--|
| | | <ul style="list-style-type: none"> 2. Task 6 - done (commit and push the final file). 3. Attended “Unlock the power of AI - Tech talk session 2 “ meeting 4. Task 7 -done (commit some of the final files) |
| 28.03.2024 | Generative AI + Boost framework - unit testing | <ul style="list-style-type: none"> 1. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - in progress 2. Unit testing C++ using Boost Framework - saw some tutorials in order to understand how it can be done 3. Attended “[Teck-byte] Repurposing obsolete gadgets for future devices.” meeting |
| 29.03.2024 | Generative AI + Task8 | <ul style="list-style-type: none"> 1. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - in progress 2. Continued reading some documentation for Unit testing using Boost Framework 3. Task 8 - did some unit tests and solved some errors - in progress 4. Commit and push the draft files |
| 01.04.2024 | Generative AI + Task8 | <ul style="list-style-type: none"> 1. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - in progress 2. Task 8 - added some modifications and new test: commit and push of the final files |
| 02.04.2024 | Generative AI + Task9 | <ul style="list-style-type: none"> 1. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - in progress 2. Task9 - commit and push done: another approach of abstract factory different than task3. |
| 03.04.2024 | Generative AI + Task10 | <ul style="list-style-type: none"> 1. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - in progress 2. Task10 - commit and push of the final files. 3. Attended “Unlock the power of AI - Tech talk session 3 “ meeting |
| 04.04.2024 | Day off | N/A |
| 05.04.2024 | Generative AI | <ul style="list-style-type: none"> 1. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - done generative ai for everyone - done |
| 06.04.2024 | Bash Scripting and Shell Programming (Linux Command Line) Udemy + Introduction to Git for GitLab projects Udemy + AOSP doc | <ul style="list-style-type: none"> 1. Bash scripting course from udemy - done 2. Commit and push of some practice files from the course above 3. An introduction course to GitLab - done 4. Read AOSP documentation: Embedded Android book - in progress |

