Project: N/A

Day	Topic	Details
23.02.2024	Training C++: https://www.learncpp.com	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 files 3. Subchapter 25.7(Pure virtual functions, abstract base classes, and interface classes) - in progress 4. Task 1: started with a draft file - commit and push: automobil.cpp: - in progress
26.02.2024	Training C++: https://www.learncpp.com	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 files 3. Subchapter 25.x(summary and quiz) - in progress
27.02.2024	Training C++: https://www.learncpp.com	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 progress 4. 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	1. Started to practice examples and exercises from Chapter 26.4-26.x and 27.1-27.4 2. 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	1. Started to practice examples and exercises from Chapters 27.7-27.x and 28

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

		Subtask1/masina2.cpp Subtask1/masina2.h Subtask1/main.cpp **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 **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 **Training/Task/Task4/Subtask4/:** Subtask4/automobil.cpp 3. Task 2 - to do
11.03.2024	Task 2 + Documentatie proiect	1. Read project documentation received this morning 2. Worked on task 2 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 4. Task 2 - to add some modifications - in progress
12.03.2024	Task2 + Design Patterns in Modern C++ on udemy	1. Continue working on task 2 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

		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	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	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	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	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	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	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	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	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	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	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	1. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - in progress

		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	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	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	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	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	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	1. Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 & More - done **generative ai for everyone - done**
08.04.2024	Bash Scripting and Shell Programming (Linux Command Line) Udemy + Introduction to Git for GitLab projects Udemy + AOSP doc	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. Started to read AOSP documentation: Embedded Android book - in progress

09.04.2024	Visual Embedded Android (AOSP) with Drawings and Practice Udemy	1. Visual Embedded Android (AOSP) with Drawings and Practice course from Udemy - in progress
10.04.2024	Visual Embedded Android (AOSP) with Drawings and Practice Udemy + Digital academy	1. Visual Embedded Android (AOSP) with Drawings and Practice course from Udemy - done 2. Attended the " [Webinar RDR] Energie si productivitate" meeting 3. Digital Academy: generative ai for application developers: Intro to ChatGPT and Generative AI - done 4. Digital Academy: generative ai for application developers:Introduction to OpenAI API & ChatGPT API for Developers - in progress
11.04.2024	Digital academy + AOSP (Android Open Source Project) docs	1. Digital Academy: generative ai for application developers:Introduction to OpenAI API & ChatGPT API for Developers - done 2. Digital Academy: generative ai for application developers: LLMs Mastery: Complete Guide to Transformers & Generative AI - in progress 3. Read documentation from https://source.android.com/docs/core/architecture - in progress