

Project: N/A

Day	Topic	Details
23.02.2024	Training C++: <a href="https://www.learncpp.com">https://www.learncpp.com</a>	<ol style="list-style-type: none"><li>1. Started to read and practice examples and exercises from Chapter 25: Virtual Functions (subchapter 25.1-25.7)</li><li>2. Commit and push Chapter25 with its files</li><li>3. Subchapter 25.7(Pure virtual functions, abstract base classes, and interface classes) - in progress</li><li>4. Task 1: started with a draft file - commit and push: automobil.cpp: - in progress</li></ol>
26.02.2024	Training C++: <a href="https://www.learncpp.com">https://www.learncpp.com</a>	<ol style="list-style-type: none"><li>1. Started to read and practice examples and exercises from Chapter 25: Virtual Functions (subchapter 25.7-25.11)</li><li>2. Commit and push Chapter25 with its files</li><li>3. Subchapter 25.x(summary and quiz ) - in progress</li></ol>
27.02.2024	Training C++: <a href="https://www.learncpp.com">https://www.learncpp.com</a>	<ol style="list-style-type: none"><li>1. Started to practice examples and exercises from Chapter 25.x(Chapter 25 summary and quiz) and read chapter 26.</li><li>2. Commit and push the rest of the files from chapter 25 and some of the practice files from chapter 26.</li><li>3. Subchapter 26.4 - in progress</li><li>4. Task 1: some small modifications for the draft file - commit and push: automobil.cpp: - in progress</li></ol>
28.02.2024	Training C++: <a href="https://www.learncpp.com">https://www.learncpp.com</a>	<ol style="list-style-type: none"><li>1. Started to practice examples and exercises from Chapter 26.4-26.x and 27.1-27.4</li><li>2. Commit and push the rest of the files from chapters 26 and some of the practice files from chapter 27.</li><li>3. Subchapter 27.5 - in progress.</li></ol>
29.02.2024	Training C++: <a href="https://www.learncpp.com">https://www.learncpp.com</a>	<ol style="list-style-type: none"><li>1. Started to practice examples and exercises from Chapters 27.7-27.x and 28</li></ol>

		<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++: <a href="https://www.learncpp.com">https://www.learncpp.com</a>	<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++: <a href="https://www.learncpp.com">https://www.learncpp.com</a>	<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++: <a href="https://www.learncpp.com">https://www.learncpp.com</a>	<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++: <a href="https://www.learncpp.com">https://www.learncpp.com</a>	<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++: <a href="https://www.learncpp.com">https://www.learncpp.com</a>	<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: <b>Training/Task/Task1/Subtask1/</b>  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><b>Training/Task/Task2/Subtask2/:</b> Subtask2/automobil.cpp Subtask2/automobil.h Subtask2/masina1.cpp Subtask2/masina1.h Subtask2/masina2.cpp Subtask2/masina2.h Subtask2/main.cpp</p> <p><b>Training/Task/Task3/Subtask3/:</b> Subtask2/automobil.cpp Subtask2/automobil.h Subtask2/masina1.cpp Subtask2/masina1.h Subtask2/masina2.cpp Subtask2/masina2.h Subtask2/main.cpp</p> <p><b>Training/Task/Task4/Subtask4/:</b> 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:</p> <p>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 udemy	<p>1. Continue working on task 2</p> <p>2. Commit and push of the final practice files for Task2 on branch featureTraining:</p> <p>Task/Task2/smartPointersRawUnique.cpp Task/Task2/smartPtrSharedUnique.cpp Task/Task2/smartPtrSharedWeak.cpp</p>

		<ol style="list-style-type: none"> <li>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:</li> <li>4. Course Design Patterns in Modern C++ - section 2 (4 in progress and so on subsections) - in progress</li> </ol>
13.03.2024	Design Patterns in Modern C++ on Udemy + Generative AI on Udemy	<ol style="list-style-type: none"> <li>1. Generative AI: AI for Business Leaders - done</li> <li>2. Generative AI for Leaders &amp; Business Professional - in progress</li> <li>3. Course Design Patterns in Modern C++ - section 4 - in progress</li> <li>4. Commit and push of the practice files from section2 and section3</li> </ol>
14.03.2024	Design Patterns in Modern C++ on Udemy + Generative AI on Udemy	<ol style="list-style-type: none"> <li>1. Generative AI for Leaders &amp; Business Professional - in progress</li> <li>2. Course Design Patterns in Modern C++ - section 4 - done; section 5 - in progress</li> <li>3. Commit and push of the practice files from section4</li> <li>4. Attended the RDR ADAS Training level 1</li> </ol>
15.03.2024	Design Patterns in Modern C++ on Udemy + Generative AI on Udemy	<ol style="list-style-type: none"> <li>1. Course Design Patterns in Modern C++ - took a quick look on the section 5 - done; section 6 - Singleton for Task3 done</li> <li>2. Commit and push of the practice files from the sections above</li> <li>3. Generative AI for Leaders &amp; Business Professional - in progress</li> <li>4. Task 3 - to do</li> </ol>
18.03.2024	Task3 + Generative AI on Udemy	<ol style="list-style-type: none"> <li>1. Worked on task3</li> <li>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</li> <li>3. Generative AI for Leaders &amp; Business Professional - done</li> <li>4. artificial intelligence ethics certification in progress</li> </ol>

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

		<ol style="list-style-type: none"> <li>Task 6 - done ( commit and push the final file).</li> <li>Attended "Unlock the power of AI - Tech talk session 2 " meeting</li> <li>Task 7 -done (commit some of the final files)</li> </ol>
28.03.2024	Generative AI + Boost framework - unit testing	<ol style="list-style-type: none"> <li>Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 &amp; More - in progress</li> <li>Unit testing C++ using Boost Framework - saw some tutorials in order to understand how it can be done</li> <li>Attended "[Teck-byte] Repurposing obsolete gadgets for future devices." meeting</li> </ol>
29.03.2024	Generative AI + Task8	<ol style="list-style-type: none"> <li>Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 &amp; More - in progress</li> <li>Continued reading some documentation for Unit testing using Boost Framework</li> <li>Task 8 - did some unit tests and solved some errors - in progress</li> <li>Commit and push the draft files</li> </ol>
01.04.2024	Generative AI + Task8	<ol style="list-style-type: none"> <li>Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 &amp; More - in progress</li> <li>Task 8 - added some modifications and new test: commit and push of the final files</li> </ol>
02.04.2024	Generative AI + Task9	<ol style="list-style-type: none"> <li>Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 &amp; More - in progress</li> <li>Task9 - commit and push done: another approach of abstract factory different than task3.</li> </ol>
03.04.2024	Generative AI + Task10	<ol style="list-style-type: none"> <li>Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 &amp; More - in progress</li> <li>Task10 - commit and push of the final files.</li> <li>Attended "Unlock the power of AI - Tech talk session 3 " meeting</li> </ol>
04.04.2024	Day off	N/A
05.04.2024	Generative AI	<ol style="list-style-type: none"> <li>Generative AI: ChatGPT Complete Guide: Learn Midjourney, ChatGPT 4 &amp; More - done <b>generative ai for everyone - done</b></li> </ol>
08.04.2024	Bash Scripting and Shell Programming (Linux Command Line) Udemy + Introduction to Git for GitLab projects Udemy + AOSP doc	<ol style="list-style-type: none"> <li>Bash scripting course from udemy - done</li> <li>Commit and push of some practice files from the course above</li> <li>An introduction course to GitLab - done</li> <li>Started to read AOSP documentation: Embedded Android book - in progress</li> </ol>

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	<ol style="list-style-type: none"> <li>1. Visual Embedded Android (AOSP) with Drawings and Practice course from Udemy - done</li> <li>2. Attended the “ [Webinar RDR] Energie si productivitate” meeting</li> <li>3. Digital Academy: generative ai for application developers: Intro to ChatGPT and Generative AI - done</li> <li>4. Digital Academy: generative ai for application developers: Introduction to OpenAI API &amp; ChatGPT API for Developers - in progress</li> </ol>
11.04.2024	Digital academy + AOSP (Android Open Source Project) docs	<ol style="list-style-type: none"> <li>1. Digital Academy: generative ai for application developers: Introduction to OpenAI API &amp; ChatGPT API for Developers - done</li> <li>2. Digital Academy: generative ai for application developers: LLMs Mastery: Complete Guide to Transformers &amp; Generative AI - in progress</li> <li>3. Read documentation from <a href="https://source.android.com/docs/core/architecture">https://source.android.com/docs/core/architecture</a> - in progress</li> </ol>
12.04.2024	Digital academy + AOSP (Android Open Source Project) docs	<ol style="list-style-type: none"> <li>1. Digital Academy: generative ai for application developers: LLMs Mastery: Complete Guide to Transformers &amp; Generative AI - done</li> <li>2. Digital Academy: generative ai for application developers: python for data science and machine learning bootcamp - in progress</li> <li>3. Read documentation from <a href="https://source.android.com">https://source.android.com</a> - in progress</li> </ol>
15.04.2024	Digital academy + AOSP (Android Open Source Project) docs	<ol style="list-style-type: none"> <li>1. Digital Academy: generative ai for application developers: python for data science and machine learning bootcamp - in progress</li> <li>2. Read documentation from <a href="https://source.android.com">https://source.android.com</a> - in progress</li> </ol>
16.04.2024	Digital academy + AOSP (Android Open Source Project) docs	<ol style="list-style-type: none"> <li>1. Digital Academy: generative ai for application developers: python for data science and machine learning bootcamp - in progress</li> <li>2. Read documentation from <a href="https://source.android.com">https://source.android.com</a> - in progress</li> </ol>

17.04.2024	Digital academy + AOSP (Android Open Source Project) docs	<ol style="list-style-type: none"> <li>1. Digital Academy: generative ai for application developers: python for data science and machine learning bootcamp - in progress</li> <li>2. Read documentation from <a href="https://source.android.com">https://source.android.com</a> - in progress</li> </ol>