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| Topics | Status | Subtopics | Remark |
| C++ Basics | Completed | Data types, Oops, Friend function, virtual function, Dynamic memory allocation, exception handling etc. | Practicing codes twice or thrice in a week |
| Smart pointers | Completed | Unique, shared, weak |  |
| Solid Principles | Completed | SRP, OCP, LSP, ISP & DIP | Theory is done |
| STL | Incomplete | Vector, Lists, Maps, Stack, Queue. | Need to study other types of containers. |
| VS Debugging | Completed |  |  |
| ObjectARX | In progress | Environment setup, Overview, objectARX Classes, Object Creation, autocad database |  |
| Postman | In progress | Get & post request |  |
| Forge Data Exchange | In progress |  | Clear with the concept but need to implement |
| Autodesk Construction Cloud | Completed | Upload, download and Exchange creation. |  |
| Gitbash | Completed | Pull, push, clone. |  |
| Data Structure | Not started |  | Planning to start |
| Design Patterns | Not Started |  | Planning to start |
| FDX project | In progress |  | Might need to learn React. |
| Autodesk Revit | In Progress | Simple Model creation, publishing 3D view. |  |
| Python | Incomplete | Basics | Already know the basics, planning to start again need to learn more. |

# Topics Covered Since day 1(6th January, 2022)