STUDENT’S DAILY DIARY/ LOG

**Name of student:**

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| **Date** | **Day** | **Name of completed Task** | **Work of the day** | **Sign of the Industry**  **supervisor** |
| **16/01/25** | **Thursday** | **Orientation & Introduction** | **Orientation covers company policies, internship expectations, and IT setup, followed by role understanding, tools,**  **deadlines, and initial tasks like reviewing materials, and a small assignment.** |  |
| **17/01/25** | **Friday** | **Install necessary softwares and do login in support portal** | **Done login in company’s support portal , installed required softwares for development**  **Which are visual studio , git gui , source tree and netbeans and have a tour about software tools.** |  |
| **20/01/25** | **Monday** | **Git tutorial and commands Learning** | **Learned about Git and how it works, completed tutorial of Git command implementataion.** |  |
| **21/01/25** | **Tuesday** | **OCR and its types** | **Learned about OCR with mainly focus on tesseract which is used to do OCR . Learned about PSM(Page segmentation modes) in tesseract and have conversation with guide about it.** |  |
| **22/01/25** | **Wednesday** | **MATLAB Tutorial for OCR and LSTM Tutorial** | **Learned about how OCR done in MATLAB software using the tutorial video given by guide and also LSTM method of OCR** |  |

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| **23/01/25** | **Thursday** | **EMGUCV Filters Learning , C# Introductiion** | **Learned about EMGUCV Filters which are used in OCR. Revised all topics which are learned.C# Introduction completed** |  |
| **24/01/25** | **Friday** | **C# classes , methods and OOPS Concept implementation and SQL basics** | **Learned about C# methods and classes and also learned about OOPS concepts and Sql baics with implementation with guide.** |  |
| **27/01/25** | **Monday** | **Asynchronous Programming and Delegates in C#** | **Learned about Asynchronous Programming working in C# with all important keyword like await() and async. Learned about Delegates usage.** |  |
| **28/01/25** | **Tuesday** | **Collection classes , Trees with traversal algorithm** | **Learned about collection classes in C# with have learning in hashtable , list and Dictionary implementation and revision of all previous topic guide presense** |  |
| **29/01/25** | **Wednesday** | **Multithreading and Dependancy injection in C#** | **Learned about thread and then learn about importance of multithreading in performace increment of program with its implementation in program and also have some overview of Dependancy injection.** |  |
| **30/01/25** | **Thursday** | **Winforms using C#** | **Environment setup for winform in visual studio. Learned how to create winform using C# in Visual studio with tutorial and mentorship of guide.** |  |
| **31/01/25** | **Friday** | **Windows Presentations Forms using C#** | **Learned about how WPF works and all basics for it. Started to make Basic UI using button,textbox,grid etc.** |  |