Enrollment no: 210280116117



NAME OF STUDENT: AYUSH MUKESHBHAI ZALA

DIARY OF THE WEEK: Dt: 16/01/2025 TO 22/01/2025

DEPARTMENT: INFORMATION TECHNOLOGY SEM: 8th

NAME OF THE ORGANISATION: EINNOSYS TECHNOLOGIES LLP

**DESCRIPTION OF THE WORK DONE IN BRIEF**

NAME OF THE PLANT/SECTION/DEPARTMENT: SOFTWARE DEVELOPMEMT

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: MADHAVI WANI

I familiarized myself with company policies, role expectations, and essential tools, ensuring a smooth transition into my responsibilities. Engaging in initial tasks provided hands-on experience and a deeper understanding of workflows. This foundation set the stage for efficient collaboration within the team.

I successfully installed Visual Studio, Git GUI, SourceTree, and NetBeans, equipping myself with the necessary development tools. Exploring their functionalities allowed me to understand their role in the software development process. This experience enhanced my ability to navigate and utilize these tools effectively.

To strengthen my understanding of version control, I delved into Git workflows and completed a hands-on command implementation tutorial. This practical approach reinforced key concepts and best practices. Applying these learnings ensures efficient code management and collaboration.

Gaining insights into Tesseract OCR, I explored its capabilities and studied various Page Segmentation Modes (PSM). Understanding these features provided clarity on how OCR processes text in different scenarios. This knowledge is valuable for optimizing OCR-based applications.

I extended my exploration of OCR to MATLAB, where I studied its built-in functionalities and the LSTM-based OCR method. This deep dive offered a comparative perspective on different OCR techniques. These learnings contribute to leveraging OCR efficiently in diverse projects.



**TOTAL HOURS: 40 HOURS**

**SIGNATURE OF STUDENT**

**The above entries are correct and the grading of work done by Trainee is EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE / POOR**

**Signature of Faculty Mentor**

**Signature of officer-in-charge of Dept. / Section / Plant**

**Date:**

**Date:**

**Grading of Work, for trainee may be given depending upon your judgement about his Punctuality, Regularity, Sincerity, Interest taken, Work done etc.**