STUDENT’S DAILY DIARY/ LOG

**Name of student: Vinayak Tusharbhai Chavda**

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| **Date** | **Day** | **Name of completed Task** | **Work of the day** | **Sign of the Industry** |
| **17/03/25** | **Monday** | **Explored Tailwind CSS for UI Design** | **As my all before project was having main issue with the UI ,I started to explore about tailwind CSS and learned about different kind of classes it provides to make UI more beautiful and responsive.** |  |
| **18/03/25** | **Tuesday** | **Learning Regular Expressions for Data Extraction** | **As my current project have need of reading pdf and extracting data from it , This process have regex as a main part which will be used for recognizing the part of whole data and how to differentiate data from each other so i started learning regular expression and tried some hands-on for better clarification.** |  |
| **19/03/25** | **Wednesday** | **Researched PDF Data Extraction Methods** | **Did research about how can we extract data from any pdf (invoice specially). Founded three ways today. One was using tesseract,pdfPlumber and easyOCR tool like it, Second one was using a library specially designed for extracting data from invoice named invoice2Data but none of this were as efficient as the third one which was using Gemini pro API (AI). Wrote code for it and then proceeded with my remaining tailwind css practice.** |  |
| **20/03/25** | **Thursday** | **Built Tool for Invoice Data Extraction Using Gemini API** | **made a tool using python which use gemini api to give extracted data from invoice and convert it into json format to process further.** |  |
| **21/03/25** | **Friday** | **Modified Tool & Started Learning Docker** | **Modifies python tool to generate json data according to invoice and then started to learn Docker which is important tool to work in a project with multiple peoples and multiple systems.** |  |