

STUDENT'S DAILY DIARY/ LOG

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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.	