



GUJARAT TECHNOLOGICAL UNIVERSITY
(Established under Gujarat Act No. 20 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી
(ગુજરાત અધિનિયમ ક્રમાંક: ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

Enrollment no: 210280116082

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: VINAYAK TUSHARBHAI CHAVDA

DIARY OF THE WEEK: Dt: 24/03/2025 TO 28/03/2025

DEPARTMENT: INFORMATION TECHNOLOGY SEM: 8th

NAME OF THE ORGANISATION: BUCHANAN TECHNOLOGIES LLP

NAME OF THE PLANT/SECTION/DEPARTMENT: EMERGING TECHNOLOGIES

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: HARDIK SHETH

DESCRIPTION OF THE WORK DONE IN BRIEF

This week, I focused on enhancing my **invoice data extraction tool**. I implemented a feature that allows users to **upload PDFs**, which the tool scans to extract text and returns the data in **JSON format**. This enhancement improved the functionality of the tool and brought it closer to being production-ready.

Alongside working on the tool, I also explored various **AI models** designed for **data extraction**. This research helped me identify ways to improve the tool's accuracy and efficiency in processing different types of data. In parallel, I continued my practice with **frontend development**, using **Tailwind CSS** to refine my UI design and create responsive layouts.

I spent time testing the tool with multiple **invoice formats**, which led to identifying some errors in the output data. I worked on fixing these issues to ensure better accuracy in the results. During this time, I also worked on **React** and **Tailwind CSS**, building components and improving my frontend skills.

I experimented with **Amazon Textract** to implement and analyze **test cases** for document data extraction. This allowed me to compare its performance with other tools and further optimize my extraction process. Additionally, I created a **basic landing page** with navigation using **React** and **Tailwind CSS**, continuing to practice and solidify my skills in both technologies.

Finally, I continued learning through a **React playlist** to improve my frontend development, while also conducting additional research into **Python data extraction tools** to optimize my ongoing work with the tool.



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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.**



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