



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: 10/03/2025 TO 14/03/2025

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 diving into image processing and exploring the fundamentals of machine learning libraries to broaden my understanding of these fields. I began by learning the basics of image processing, which gave me a good foundation for tackling more complex tasks in the future. To deepen my knowledge, I also started studying popular machine learning libraries such as TensorFlow and scikit-learn. These libraries are essential for building machine learning models, and understanding them will be crucial for my next steps in the field.

I then shifted my attention to data extraction from images. Although this concept initially felt overwhelming, I took the time to explore various Python tools and libraries commonly used in the process. This helped me build a clearer understanding of how these techniques work together to enable efficient data extraction from images.

As the week progressed, I focused on learning about specific libraries used for Optical Character Recognition (OCR) and PDF scanning. I gained hands-on experience with popular libraries like OpenCV, which is widely used for image and video processing tasks. This exposure has helped me become more comfortable with using OpenCV for basic image manipulation and processing tasks.

The week also included a couple of holidays, allowing me to recharge and reflect on what I've learned so far. I'm looking forward to continuing my journey into machine learning and image processing in the upcoming weeks.



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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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