GUJARAT TECHNOLOGICAL UNIVERSITY
(Established under Gujarat Act No. 20 of 2007)
ગુજરાતટેકનોલોજિકલ યુનિવર્સિટી
(ગુજરાત અધિનિયમ ક્રમાંકઃ ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

STUDENT'S WEEKLY RECORD OF INTERNSHIP

NAME OF STUDENT: Modi Shreshtha Pragnesh

DIARY OF THE WEEK: Dt: _____ **TO** _____

DEPARTMENT: Electronics And Communications Engineering   **SEM:** 08

NAME OF THE ORGANISATION: Eternal Soft Solutions

NAME OF THE PLANT/SECTION/DEPARTMENT: Software and Cloud Engineering

NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT: Mrs Poonam Patel

DESCRIPTION OF THE WORK DONE IN BRIEF

This week was all about docker and containers and I learnt about what is docker, what is the difference between docker, container and kubernetes and why do we really need docker.

After understanding the need and the importance of docker, i then started installing docker on my system using virtualization but unfortunately, my system did not support virtualization and hence had to install that first. After succesfully installing docker on my machine, I went to install docker engine for linux for the easy usage of docker.

Then I learnt the architecture of a docker, what is a docker application and a docker image and how to run a docker image on your local machine

After that, I installed the hello world docker image on my machine and ran it succesfully. I also learnt about frequently used docker commands such as docker run, docker -ps, docker -s etc.

After learning about common features of docker, I was taught how to create my own docker image and make my code and application reusable to learn

I also learnt another key feature of the software engineering workflow i.e. version control, what is version control the history of version control, types of version control and then we dived deeper into git , the architecture of git and how is it different from subversion, setting up on own github account, how to clone and fork a repo, git ssh, and i also learnt about various common github features such as git pull, git push, git merge, git commit, git rebase, git revert and then I uploaded all of my work done till date on github repo and made to understand the importance of keeping your repository clean and organized. I also started to participate in open source contests by opening issues and pull requests on remote repository of github

TOTAL HOURS: 35 _ _ _ _ _ _ _ _ _

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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.**

SUPPLEMENTRY NOTES
(add additional sheets if required)