GUJARAT TECHNOLOGICAL UNIVERSITY
(Established under Gujarat Act No. 20 of 2007)
ગુજરાતટેકનોલોજીકલ 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 I learned more about the object based storage system called s3 and functonalities of s3 such as hosting a static website via s3, tiers of s3 such as glacier, Infrequent access etc. I also learnt about whitelisting the IP addresses.

I learnt about database services using aws such as aws dynamodb, aurora, rds and graphql. I learnt more about the fully managed services such as aws lambda, aws fargate and did a case study about when to use fully managed services like aws lambda, the tradeoff between managed services and price.

I then learnt about the tiers of AWS and AWS free tier and how to use aws services so that we can stay in the aws free tier and cost and resource management services of aws such as aws cost explorer, aws budgets, aws cloudwatch and how to make the most use of them.

Diving deep into AWS, i then learnt about AWS security and privacy and threats looming over your data in the aws. The shared responsbility model of the aws where consumers are responsible for the security of their data on the cloud and the AWS is responsbile for the security of the cloud.

Then i did a case study about low latency delivery of the AWS services such as CDN and how they build a network closer to the user so that they can enjoy their shows with high throughput (the netflix example)

To further elaborate on the services that I learnt of the AWS, I learnt about the AWS Macie which is an intelligent threat detection tool which uses machine learning to find sensitive data among your s3 buckets, I also learnt about AWS SNS and AWS SQS which are notification services which run on a pub-sub model to send and recieve notifications
Then we started understanding what is containers and why do we need one

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

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)