



Gujarat Technological University

(Established under Gujarat Act No. 20 of 2007)

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

Annexure 7

Enrollment no: 190130107076

Student's Weekly Record of Internship

Name of student: Parmar Dixit

Diary of the week: From 06 - 03 - 2023 To 11 - 03 - 2023

Department: Computer Science and Engineering

Name of the Organization: LaNet Team Software Solutions Pvt Ltd

Name of the Department: _____

Name of office In Charge of the Department: Hitesh Pandya

Description of Work Done in Brief (Week Log)

Week - 07: Nodejs (Continued)

Date	Day	Description of work
06-03-2023	Monday	Today I improved NASA project architecture and improved Node server performance, Building Simple Blocking Server, Blocking Function, and Running Multiple Node Processes.
07-03-2023	Tuesday	Today I worked on Node Cluster Module through which I gained knowledge about Clustering in Action, Maximizing Clustering Performance, Load Balancing, PM2 tool.
08-03-2023	Wednesday	Today I started learning Databases and gained knowledge about types of Databases and Comparing SQL vs noSQL, MongoDB Atlas, Mongoose Implementation, Creating LaunchSchema and PlanetSchema.

09-03-2023	Thursday	Today I Created Models from Schemas and Understood Upsert Operation, Adding, Aborting and Fetching all Launches in NASA Projects using MongoDB, and Updating Tests for Mongoose.
10-03-2023	Friday	Today I started Working with REST APIs, SpaceX(API), Versioning Node API, Updating Tests of API, Exploring SpaceX Launches API, Running Search Queries, and Loading SpaceX Data to My Database.
11-03-2023	Saturday	Today I implemented Paginated functionality in NASA project and Minimizing API load, Persisting SpaceX launches, Paginating Endpoints,Sorting Paginated Data, Managing Secrets with Dotenv and Securing leaked data.

Total Hours worked in Week: 48 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 Internal Guide

Signature of External Guide

Date:

Date:

Note: 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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Annexure 8

Enrollment no: 190130107076

Student's Weekly Record of Internship

Name of student: Parmar Dixit

Diary of the week: From 13 - 03 - 2023 To 18 - 03 - 2023

Department: Computer Science and Engineering

Name of the Organization: LaNet Team Software Solutions Pvt Ltd

Name of the Department: _____

Name of office In Charge of the Department: Hitesh Pandya

Description of Work Done in Brief (Week Log)

Week - 08: NodeJS (Continued)

Date	Day	Description of work
13-03-2023	Monday	Today I learned Node Security and Authentication which included Encrypted connection with SSL and TLS, Digital Certificates, HTTPS with Node, Authentications vs Authorization.
14-03-2023	Tuesday	Today I learned about Helmet js node package and Social Sign In, API Keys and JWT Tokens, OAuth Authorization Flow, OAuth with Single Sign On, Registering with the Google Authorization Server, Authentication Endpoints With Middleware.
15-03-2023	Wednesday	Today I learned about Passport.js node package, Dotenv for Client Secrets, Authentication With Google And OAuth, Cookie Based Authentication,

		Sessions Tokens, Server VS Client Side Sessions With Cookies.
16-03-2023	Thursday	Today I worked with Session Middleware in Express and Setting Up OAuth Cookie Session, Reading and Writing the OAuth Session, Restricting Access to Endpoints, Implementing Logout, Experimenting With Fake Sessions.
17-03-2023	Friday	Leave for mid evaluation of final year internship in college.
18-03-2023	Saturday	Leave for mid evaluation of final year internship in college.

Total Hours worked in Week: 48 Hours

Signature of Student

**The above entries are correct and the grading of work done
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POOR**

Signature of Internal Guide

Signature of External Guide

Date:

Date:

Note: Grading of Work, for trainee may be given depending upon your judgement about his Punctuality, Regularity, Sincerity, Interest taken, Work done etc.