Nadimpalli Satyanarayana Raju Institute of Technology (Autonomous) – Summer Internship-I Report

Department of CSE, 2020-2021 Admitted Batch



**Nadimpalli Satyanarayana Raju Institute of Technology**

**(Autonomous)**

**Sontyam 531173, Andhra Pradesh**

## DIABETES PREDICTION USING MACHINE LEARNING &IOT BASED PROJECTS

### Report

**Summer Internship I**

Submitted by

SREESAILAM VEERA BABU

20NU1A05A6

in partial fulfillment for the award of the degree of

## BACHELOR OF TECHNOLOGY

in

**Department of Computer Science & Engineering**

# MAY-JULY,2023

**Nadimpalli Satyanarayana Raju Institute of Technology (Autonomous)**

**Sontyam 531173, Andhra Pradesh**

## CLOUDS AND DEVOPS

### Report Summer Internship II

Carried out at

DEMY SOFTWARE SOLUTIONS

MARIKAVALSA JUNCTION,NH-16, VISAKHAPATNAM-530048

in partial fulfillment for the award of the degree of

## BACHELOR OF TECHNOLOGY

in

**Department of Computer Science & Engineering**

# MAY-JULY,2023

## BONAFIDE CERTIFICATE

Certified that this internship report PROJECT NAME IN CLOUD AND DEVOPS is the bonafide work of “SREESAILAM VEERA BABU” who carried out summer internship under our supervision at Mr. G AVINASH, DEMY SOFTWARE SOLUTIONS.

Signature of the Faculty supervisor Signature of the Industry Supervisor Mrs. P KAMAL PRIYA MAM Mr. G Avinash

Mentor

Assistant Professor

Dept of cse

Signature of the Head of the Department

Dr. R. Rayudu Srinivas

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
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CERTIFICATE OF SUMMER INTERNSHIP

**Acknowledgement**

I would like to take this opportunity to express my deepest gratitude to my project supervisor, Mrs. P KAMAL PRIYA MAM, Asst. Professor, CSE , N S Raju Institute of Technology (A), S o n t y a m , Visakhapatnam, who has persistently and determinedly guided me during the whole course of this project. It would have been very difficult to complete this project without his/her enthusiastic support, insight and advice. I am extremely thankful to DR. R. SRINIVAS RAYADU, PROFESSOR, & Head of CSE Department for providing excellent lab facilities which were helpful in successful completion of my internship program. Our utmost thanks also to all the trainers of the company for their support throughout my Summer Internship and Internship, my internship department level coordinator Ms. P. Kamal priya mam Asst. Prof. Of CSE and our Institute Level Coordinator, Mrs. V. Usha Rani, Asst. Prof. of EEE.

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SREESAILAM VEERA BABU

(20NU1A05A6)

# Company Profile



**About Our Company**

# Demy Software Solutions

Demy Software Solutions (DSS) is a multifaceted company which promises the right expertise and an implacable commitment to its clients.It accelerates the careers of students by training them on cutting-edge technologies as per the industry benchmarks to help them get into world’s top product companies.

They are dedicated to becoming a go-to skill development platform for students to create 100 employment opportunities & 1000 coders per year and a strategic partner for clients to help them achieve their objectives effectively.

#### Learning Outcomes of Summer Internship

As per Curriculum

1. Demonstrate the theoretical learning outcomes
2. Integrate theory and practice during graduation
3. Comprehend the Industry practices in the relevant and allied field of study
4. Develop Communication Skills in terms of Oral, Written and graphical communications
5. Develop Problem solving skills
6. Develop work habits and teamwork in a multidisciplinary setting for a successful career after graduation.

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#### List of Program Outcomes

As per the Program of Study

PO1: Apply the knowledge of basic sciences and fundamental engineering concepts in solving engineering problems **(Engineering Knowledge)**

PO2: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences. **(Problem Analysis)**

PO3: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. **(Design/Development of Solutions)**

PO4: Perform investigations, design and conduct experiments, analyze and interpret the results to provide valid conclusions **(Investigation of Complex Problems)**

PO5: Select/develop and apply appropriate techniques and IT tools for the design & analysis of the systems **(Modern Tool Usage)**

PO6: Give reasoning and assess societal, health, legal and cultural issues with competency in professional engineering practices **(The Engineer and Society)**

PO7: Demonstrate professional skills and contextual reasoning to assess environmental/societal issues for sustainable development **(The Environment and Sustainability)**

PO8: Demonstrate Knowledge of professional and ethical practices **(Ethics)**

PO9: Function effectively as an individual, and as a member or leader in diverse teams, and in multi-disciplinary situations **(Individual and Team Work)**

PO10: Communicate effectively among engineering community, being able to comprehend and write effectively reports, presentation and give / receive clears instructions **(Communication)**

PO11: Demonstrate and apply engineering & management principles in their own / team projects in multi-disciplinary environment **(Project Finance and Management)**

PO12: Recognize the need for, and have the ability to engage in independent and lifelong learning **(Life Long Learning)**

PSO1: Able to apply the theoretical knowledge of Computer Science and Engineering and the foundational principles of software development to provide sustainable solutions for the real-world technical challenges in the tech landscape by maintaining professional standards, ethical values and integrity.

PSO2: (Able to adopt to technological changes by initiating self-paced learning to meet the industry demands)

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**Learning Outcomes (Write in your own words not exceeding 200 words)**

**PO#1:**

(Indicate how the theoretical knowledge of the courses taught helped you to do summer internships)

* At first, we initially started Linux is a free and open-source operating system kernel that serves as the foundation for various Unix-like operating systems.
* AWS, short for Amazon Web Services, is a comprehensive and widely adopted cloud computing platform provided by Amazon. It offers a wide range of cloud services and solutions, including computing power, storage, databases, networking, analytic, machine learning, and more, over the internet.
* AWS main services we came to know ec2,s3,vpc. And next to ec2 instance creation steps,s3 bucket creation,and learned about security groups,constraints in it, static web site hosting.
* Amazon VPC (Virtual Private Cloud) is a service provided by AWS that allows you to create a private, isolated virtual network in the cloud. It enables you to launch AWS resources, such as EC2 instances, within a defined virtual network environment and have control over IP addressing, sub-nets, routing, and network access.
* An IGW provides a connection point between your VPC and the internet, allowing outbound communication from instances within the VPC to the internet and inbound communication from the internet to resources within the VPC.
* After learned about all these gone through terraform,docker and importance of docker.docker practised in killer coda at first and next installed in my laptop and made containers in it and deployed some applications and runned application in my local host.pengbai/super maria game hosted in my laptop using local host.

### PO #2:

(Indicate the ability of Problem Analysis)

(Theoretical knowledge what I leaned on AWS in my summer internship which is my project is “online learning website deployment in AWS”.)

* As come to problem analysis stage i analysis the problem statement by collaborating with team members and choosing decisions and we analyze the problem and followed good methods and gathered resources required for that problem as follows.
* The aim of the proposed work is to analyze how to deploy a working project into AWS and what care should be taken to run it successfully.
* Selection of right resources from AWS for required to deploy the project and following inbound and outbound rules.In order to provide correct privileges to security groups.
* And to produce accurate result which is running website with proper privileges and is link to link between pages is correctly configured or not , checking performance of website in terms of server response time this care should be taken in entire process of deploying.
* **As deploying in S3 bucket I personally worked on how S3 is working and conflicts come with S3 when proper care is not taken.**
* **S3 is one important service from AWS where we can create buckets and deploy our folders,files,images anything related to project they execute on server.**

### PO #3:

(Indicate the ability of Design and Development of Solutions)

* + For any development of model or application design and development of solutions is necessary.
  + We have several steps in designing and development, for the development of website deployment in AWS S3 we perform the following steps:
  + As gone through detail study of AWS architecture and its services mainly for deploying websites
  + As we need to understand AWS services and components, and major services for AWS like EC2,S3,IAM.
  + At next for website deployment used HTML,CSS,JS like these proper frame works for making website.
  + And developed as responsive website by analyzing layout designs in terms of devices to devices.
  + Understanding this design principles will give me a good output.
  + As focused on analytic followed in deployment and performance and security rules like inbound and outbound for privileges permission

### PO #4:

(Indicate your experiments being carried out in industry, if any)

* As I started about learning of Linux first at next cloud both theoretical and experimental there we came to know about ec2,s3,vpc,terraform,docker.
* I started our experiments with Linux using killer coda website, amazon web services. And creating virtual machines in it
* As I connected to AWS deployed instance or virtual machine using ssh in my laptop by downloading pem created in AWS console.
* As coming to AWS learning is a new experience for me as before coming to internship I only know about website creation but I don’t have much knowledge about AWS and it’s usage.Now through internship I get the one famous technology that is AWS. I was very much interested in learning AWS
* I came to know about importance of website deployment and its accesing rules about secuiry groups and AWS main services.
* Hosting a static web site in real time is a good experience.
* As a final project I came with project.

### PO #5:

(Indicate the new tools, programming language, equipment learned during this program, if any)

* During my summer internship, I had the opportunity to gain hands-on experience with various tools, programming languages, and equipment related to AWS, Docker, and Terraform. Here are some of the key things I learned.
* **AWS Command Line Interface (AWS CLI):** I used this command-line tool to interact with AWS services, such as managing EC2 instances, S3 buckets, and configuring security groups.
* **AWS Management Console:** I got familiar with the web-based interface provided by AWS, which allowed me to manage and configure various AWS resources visually.
* **Killer Coda** played a crucial role in my Linux practice. It is an interactive online platform that provides hands-on exercises and challenges for mastering Linux commands and shell scripting. I found it extremely helpful in reinforcing my understanding of Linux concepts and sharpening my command line skills.
* **HCL (HashiCorp Configuration Language):** I learned how to write infrastructure code using HCL with Terraform. This language enabled me to define and configure AWS resources and Docker containers in a human-readable format.
* To further enhance my knowledge and skills in Docker, I installed Docker Desktop on my laptop. Docker Desktop provided a user-friendly interface and a local development environment for building, running, and managing Docker containers.
* During my internship, I combined Linux with Killer Coda and Docker Desktop, while also exploring static website hosting in AWS. This powerful combination provided a rich learning environment where I gained expertise in Linux command line operations, learned the principles of Docker containerization, and explored seamless deployment of static websites using AWS services.

**PO #**6**:**

(Indicate how your Summer Internship is helpful for the Society)

* The internship imparts practical skills in cloud computing, enabling participants to contribute to the digital transformation of various industries.It helps me to solve real world problems like business increases through their website,in health sector also hospital can maintain their staff,current medical trend in their website which help to patients and normal people, A college website can show their student progress and manage their records and all work related to college management, like these so on real world problems can be solved.
* It will also aware us by make us to know technologies in the society.
* it makes me know the what is the real work of a software engineer and his duties.

**Ex: Take an example of my project**

Website Deployment on AWS is a parallel venture that offers impactful solutions to various domains. Just as early diabetes prediction empowers individuals to take charge of their health, deploying websites on AWS empowers businesses and organizations to take charge of their online presence. Hosting websites on AWS provides unparalleled scalability, reliability, and security, enabling enterprises to seamlessly connect with their audience, offer services, and disseminate information. Similar to how early prediction fosters health awareness, website deployment fosters digital awareness, ensuring that businesses effectively communicate their offerings to a wider audience. In both cases, the proactive approach equips individuals and entities with the tools they need to make informed decisions and engage in healthier practices, whether in health management or digital engagement.

(Indicate how the Summer Internship is helpful for the Environment and how it is sustainable)

## Our Summer Internship is helpful for environment as it is sustained also.

* It has eco-friendly concepts to work on.
* My project is "diabetes prediction ". Diabetes Prediction of diabetes at an early stage can lead to improved treatment. Data mining techniques are widely used for prediction of disease at an early stage. Diabetes is predicted using significant attributes, and the relationship of the differing attributes is also characterized
* Early prediction of diabetes of a person is chances of having or is to help that person to take care of his/her health conditions.
* They are sustained as they are helpful for future generations in a way predication of their health condition and make them to live with good health.

## We are having many projects and predictions which are sustained for future.

(Indicate the ethical practices followed in your Summer Internship)

During my summer internship, I adhered to various ethical practices to ensure responsible and professional conduct. Some of the key ethical practices followed were:

**Confidentiality:** I respected the confidentiality of sensitive information and data shared within the company. I understood the importance of safeguarding proprietary information, trade secrets, and personal data, and followed the established protocols for data protection and access control.

**Privacy and Consent:** I prioritized user privacy and obtained appropriate consent when handling personal data. I strictly followed privacy regulations and company policies, ensuring that user information was handled securely and with respect for individual privacy rights.

**Professionalism and Collaboration:** I maintained a professional attitude and fostered a culture of mutual respect and collaboration. I treated colleagues, supervisors, and clients with professionalism and courtesy, valuing their diverse perspectives and contributions.

**Conflict of Interest:** I proactively identified and managed potential conflicts of interest. I disclosed any personal or professional relationships that could potentially influence my judgment or decision-making process, ensuring transparency and integrity in my work.

**Compliance with Laws and Regulations:** I adhered to all relevant laws, regulations, and industry standards related to my work. This included but was not limited to data protection regulations, intellectual property laws, and ethical guidelines outlined by professional organizations.

**Continuous Learning and Improvement:** I recognized the importance of staying updated with the latest ethical standards and emerging technologies. I actively engaged in professional development activities, such as attending seminars, workshops, and training sessions, to enhance my knowledge of ethical practices in the tech industry.

By following these ethical practices, I aimed to maintain integrity, uphold professional standards, and ensure the responsible use of technology during my summer internship.

(Indicate your work experience in Summer Internship as an Individual and in a team)

* As an individual I done my daily tasks in internship which were given by company people as an assignment.
* As I completed them by my knowledge gained at my internship. But when the project has assigned, I was the team leader of my project.
* As doing my daily tasks I got an new knowledge because the assignment questions are related my programming subject.
* what concepts I had learnt based on that my assignment questions were given and they related to me in a way not only to make practice of concepts learned on that but also to make new things with that concept.
* As coming into my work experience in collaboration with my team members to complete our project were given a new happy and new kind learning experience.
* As before summer internship I worked and completed my tasks on using my view and my knowledge. But when I worked in team, I came to gain a knowledge by them and my knowledge is to be delivered to them.
* we collaborated and discussed about our project with each other and find solution to our problem domain and we implemented our project

**PO #**10**:**

(Indicate your improvement in Communication in Oral, Written and Graphical Communication)

Throughout my internship, I witnessed significant improvements in my oral, written, and graphical communication skills. These enhancements were a result of various assessments, business skills training sessions, mock interviews, and real-time coding problems I encountered during my time at the company. The supportive environment provided ample opportunities for growth, and whenever I faced difficulties, the team was always there to assist and guide me.

**Oral Communication:** Daily assessments, team meetings, and presentations helped me refine my oral communication skills. By actively participating in discussions and presenting my work, I became more articulate, confident, and effective in conveying my ideas and insights.

**Written Communication:** The regular assessments and assignments required me to express my thoughts and findings in a clear and concise manner. This practice significantly improved my ability to organize and structure written documents, ensuring that my ideas were effectively communicated.

**Business Skills:** The company conducted specific training sessions to develop business skills relevant to my internship. These sessions focused on professional etiquette, effective teamwork, project management, and client communication. As a result, I gained a comprehensive understanding of business dynamics and learned how to effectively communicate within a professional setting.

**Mock Interviews and Real-Time Coding Problems:** The company provided mock interview opportunities and real-time coding problems to simulate interview scenarios. These exercises helped me improve my ability to communicate technical concepts concisely and clearly under pressure.

Overall, my internship experience provided a conducive environment for growth in oral, written, and graphical communication. The daily assessments, business skills training, mock interviews, and real-time coding problems not only helped me overcome difficulties but also significantly enhanced my ability to communicate effectively in various professional contexts.

**PO #**11**:**

(Indicate your project management in Summer Internship)

Engaging in the creation of an "**Online Learning Website**" was a dynamic journey where I played a pivotal role, both as a team member and a leader. My responsibilities spanned project management, team coordination, and website development, underscoring my versatility and commitment to the project's success.

As a dedicated team member, I orchestrated and facilitated constructive group discussions. These sessions served as an avenue for team members, including myself, to share valuable insights, updates, and innovative ideas that propelled the development of our online learning platform. This collaborative approach ensured that every team member's voice was heard, fostering a sense of shared ownership and synergy within the team.

Furthermore, my engagement extended to the technical realm, where I actively contributed to the website's development. I transformed conceptual visions into tangible web interfaces, enhancing user experience through intuitive design and functionality. My contributions were instrumental in creating a seamless online learning experience, aligning the website with our project's overarching goals.

The "Online Learning Website" project not only highlighted my aptitude for project management and technical execution but also demonstrated my passion for education and technology. This endeavor exemplifies my dedication to meaningful projects that empower individuals through accessible learning opportunities. My role in this project has solidified my belief in the transformative potential of technology in education and my commitment to being an agent of positive change.

**PO #12:**

(Indicate about the self learnt topics or self learnt skills, if any)

* Basics of Machine Learning learnt by us are:
  + - * Types of Problems in Machine Learning
      * Types of Machine Learning
      * Algorithms of Machine Learning
      * Applications of Machine Learning
    - Model Building:
      * Selecting the right ML algorithms to identify the patterns
      * Building the candidate models
    - Model validation:
      * Validation of the Model
      * Tuning the parameters of Model
    - Python: Python is a popular programming language used on a server to create a web applications and machine learning models.
    - In python we have learnt pandas to analyze data.
    - And also, we have learnt Numpy library used for working with arrays and functions for working in the domain of Linear Algebra.
    - We had used Scikit learn tool to build machine learning models and also used for data cleaning, preprocessing and for testing data.
    - We also have learnt many concepts like Seaborn used for making statistical graphics in python.

(Able to apply the theoretical knowledge of Computer Science and Engineering and the foundational principles of software development to provide sustainable solutions for the real-world technical challenges in the tech landscape by maintaining professional standards, ethical values and integrity.)

Throughout my internship, I successfully applied the theoretical knowledge acquired during my Computer Science and Engineering studies and the foundational principles of software development to tackle real-world technical challenges in the dynamic tech landscape. By upholding professional standards, ethical values, and integrity, I striven to provide sustainable solutions that addressed the needs of the industry.

Drawing upon my academic background, I utilized my understanding of data structures, algorithms, programming languages, and software development methodologies to analyze and solve complex problems. This enabled me to develop efficient and robust solutions that aligned with industry best practices.

Furthermore, I recognized the importance of maintaining professional standards throughout the entire software development lifecycle. I adhered to coding conventions, documentation practices, and version control techniques, ensuring that my work was well-organized, readable, and maintainable. By following established software engineering principles, I aimed to deliver high-quality solutions that met both functional and non-functional requirements.

In addition to technical proficiency, I placed great emphasis on ethical values and integrity. I prioritized user privacy, security, and data protection while designing and implementing software solutions. I adhered to ethical guidelines and industry regulations, ensuring that my work upheld the trust of users and stakeholders.

By combining my academic knowledge, software development principles, and ethical considerations, I strived to provide sustainable solutions that addressed the real-world challenges faced in the tech landscape. I remain committed to maintaining professional standards, upholding ethical values, and continuously enhancing my skills to contribute effectively to the development of innovative and responsible technological solutions.

(Able to adopt to technological changes by initiating self-paced learning to meet the industry demands)

* + - Flexible and engaging learning culture:
      * On-demand lessons help all students, regardless of where and how they want to study. Self-paced digital learning gives students access to explore critical concepts before an exam. It also gives them the flexibility to find out where they made mistakes in the last exam before moving on to the next one.
    - Find the Right Resources for Learning Process:
      * To find the right & worthwhile resources for learning a new technology is as crucial as it can be.
      * You won’t believe but the substandard learning resources will not only make you mediocre or even below-average with the particular technology or skill but can also make you lose your interest in the technology.
      * And as there are an ample amount of learning resources available over the web for each and every technology, you need to be very careful and fastidious to pick out the worthwhile ones among all these.
    - most-preferable methods to learn any technology are provided below:
      * Online Courses & Training Programs
      * Recommended Books
      * YouTube Videos
      * Seminars & Conferences



##### Internal Quality Assurance Cell (IQAC) Rubrics for Summer Internship

20NU1A05A6

**Preamble:** This rubric is specifically designed to assess the performance of the students in Summer Internship

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Criteria | Unsatisfactory (1) | Developing (2) | Satisfactory (3) | Good (4) | Exemplary (5) | Score |
| A. Objectives & Outcomes | **Criterion #1**  Ability to understand the need of industry  engagement through internship program | Less awareness on this aspect and no traces of objectives as well as outcomes. | Aware of the significance of the industry engagement to the industry being engaged alone and little bit familiar with objectives and outcomes. | Aware of the significance of the industry engagement and little bit familiar with objectives and outcomes. | Aware of the significance of the industry engagement and completely aware of the objectives and intended learning outcomes of the internship. | Aware of the significance of the industry engagement and completely aware of the objectives and intended learning outcomes of the internship and able to guide others to sensitize them and making efforts on his to companies / SMEs and groom himself initiating life- long learning |  |
| B. Demonstration of theoretical knowledge | **Criterion #2**  Ability to correlate the theory and practice | Unable to correlate and demonstrate the theory and practice | Able to partially connect the theoretical outcomes with the practical applications. However not able to demonstrate to the full extent and cite references with examples | Able to connect the theoretical outcomes with the practical applications. However not able to demonstrate to the full extent and cite references with examples | Able to connect the theoretical outcomes with the practical applications. And able to demonstrate to the full extent and cite references with examples in the appropriate program of study | Able to connect the theoretical outcomes with the practical applications. And able to demonstrate to the full extent and cite references with examples not only in their respective program of study but also in other inter- disciplinary domain suggesting changes for curriculum enrichment |  |
| C. Problem Analysis & Critical Thinking | **Criterion #3**  Ability to identify the source of problems and suggest solutions | Unable to identify the source of problems and suggest solutions | Able to identify problems’ source with little bit depth and not able to provide solutions | Able to identify the source of problems as well as the source / cause and not able to provide solutions | Able to identify the source of problems as well as the source / cause and able to provide solutions | Able to identify the source of problems as well as the source / cause and not able to provide solutions by citing appropriate journal papers / articles with research based proven facts |  |



|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| D. Design and Development of System, Component, Process or  any others in relevant form | **Criterion #4**  Ability to demonstrate the learning outcomes in the form pf product development | Unable to initiate product development on his own | Able to visualize / conceptualize / develop draft version product / system / design / process by taking the support of mentors / peer group and not aware the tools / hardware / software required for the development of the above said items | Able to develop draft version product / system / design / process by taking the minimal support of mentors / peer group and surface awareness / developing stage of identification of the tools / hardware / software required for the development of the above said items | Able to develop product / system / design / process on his own with appropriate use of tools / hardware / software required for the development of the above said items | Able to develop product / system / design / process on his own with appropriate use of tools / hardware / software required for the development of the above said items and develop SOP for the same developed products inking down the scope and limitations of the developed ones and guide others to do so. |  |
| E. Individual and  Teamwork | **Criterion #5**  **Individual and Teamwork in a Multi-disciplinary Setting** | Unable to realize the importance of individual and team work in a multi- disciplinary setting in a real time environment | Able to realize the importance of individual and teamwork in a multi- disciplinary setting and team play is missing | Able to realize the importance of individual and teamwork in a multi- disciplinary setting and shows involvement to certain extent either as an individual or as a team member in contributing  his/her own responsibility to the team | Able to realize the importance of individual and teamwork in a multi-disciplinary setting and extent full support to the team for completing the assigned task either as an individual SME or as a part of team understanding his/her responsibility in a team | Able to realize the importance of individual and teamwork in a multi- disciplinary setting and extent full support to the team for completing the assigned task either as an individual SME or as a part of team understanding his/her responsibility in a team and motivate others and support in case of  uncertainty from his / her part for completing the assigned team task. |  |
| F. Communication  Skills | **Criterion #6**  Able to realize the importance of  communication | Unable to  communicate properly in any of the form (Written, Verbal and Graphical) | Able to communicate properly verbally with the peer group with the use of appropriate technical language that everyone understands but not with other skills of communication | Able to communicate properly with verbal and written with the peer group with the use of appropriate technical language that everyone understands but not with other skill of communication | Able to communicate properly in all the forms with their peer group with appropriate use of technical language that everyone understands demonstrating professional ethics occasionally | Able to communicate properly in all the forms with their peer group with appropriate use of technical language that everyone understands and support others in doing so |  |
| Signature of the Reviewer with Date / Review No. | | | | **Total Score (Average of the ‘A’, through ‘F’** | |  | |

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### Your Feedback on Experiential Learning

As I learned about io, python fundamentals, important modules in python for data science, as I experienced in doing iot and implementation of various classifiers on various datasets. As I really liked experimental learning in before summer internship also but when I worked on team to do the project as I really excited and enjoyed and mostly experienced in working as team. As I get to know how team coordination and managing problems in team and carrying responsibilities is very help to all of our team and as member me to also. My personal experience in working is very new and happy experience to me. As I felt very grateful for getting this opportunity because by this only as I learned real time industrial experience. As I am eagerly waiting for my next internship. To learn and to implement what I learned.

### S.VEERA BABU

##### Signature of the Student