**Long Term Summer Internship**

**A Long -Term Internship report submitted in partial fulfilment for the award of degree in**

## BACHELOR OF TECHNOLOGY IN

**CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)**

**By Golla Charan (219X1A3345)**

**Under the esteemed guidance of**

**Dr . A. Vishnuvardhan Reddy**

**Associate Professor**

**Department of E.C.S**

**Department of Emerging Technologies in Computer Science**

**G. PULLA REDDY ENGINEERING COLLEGE (Autonomous) KURNOOL**

**(Affiliated to JNTUA, ANANTAPURAMU) 2025-2025**

**Department of Emerging Technologies in Computer Science**

**G. PULLA REDDY ENGINEERING COLLEGE (Autonomous) KURNOOL**

****

**CERTIFICATE**

***This is to certify that the Long -Term Internship on ‘Full-Stack Development’ is a***

***bonafide record of work carried out by***

**Golla Charan (219X1A3345)**

**Under my guidance and supervision in partial fulfillment of the requirements for the award of degree of**

## BACHELOR OF TECHNOLOGY IN

**CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)**

**Dr . A. Vishnuvardhan Reddy**

**Associate Professor, Department of E.C.S, GPREC,**

**KURNOOL.**

**Dr. R. Praveen Sam Professor & HOD, Department of E.C.S, GPREC, KURNOOL.**

Program Book

**Long Term Internship**

**G. PULLA REDDY ENGINEERING COLLEGE (Autonomous) KURNOOL**

# Program Book for

**Long -Term Internship**

**Name of the Student:** Golla Charan

**Name of the College:** G. Pulla Reddy Engineering College

**Registration Number:** 219X1A3345

**Period of Internship:** 24 Weeks **From:** 06-01-2025 **To:** 30-06-2025

**Name & Address oof the Intern Organization:** TAP ACADEMY, #3, BTM 2nd Stage, Opp Bharath Petroleum, Bengaluru, India – 560026

# An Internship Report on

**Full Stack Development**

*Submitted in accordance with the reequipment for the degree of B. Tech*

**Name of the College:** G. Pulla Reddy Engineering College

**Department:** Emerging Technologies in Computer Science (ECS)

**Name of the Faculty Guide:** Dr . A. Vishnuvardhan Reddy

**Duration of the Internship:** 24 weeks **From:** 06-01-2025 **To:** 30-06-2025

**Name of the Student:** Golla Charan

**Programme of Study:** CSE (Artificial Intelligence & Machine Learning)

**Year of Study:** 4th Year

**Registration Number:** 219X1A3345

**Date of Submission:**

**STUDENT’S DECLARATION**

I, **Golla Charan**, a student of B. Tech Program, Reg. No. **219X1A3345** of the Department of **Emerging Technologies in Computer Science**, **G. Pulla Reddy Engineering College** do hereby declare that I have completed the mandatory internship from **06-01-2025** to **30-06-2025** in TAP ACADEMY under the faculty guideship of **Dr . A. Vishnuvardhan Reddy**, Department of **Emerging Technologies in Computer Science** in **G. Pulla Reddy Engineering College**.

(Signature and Date)

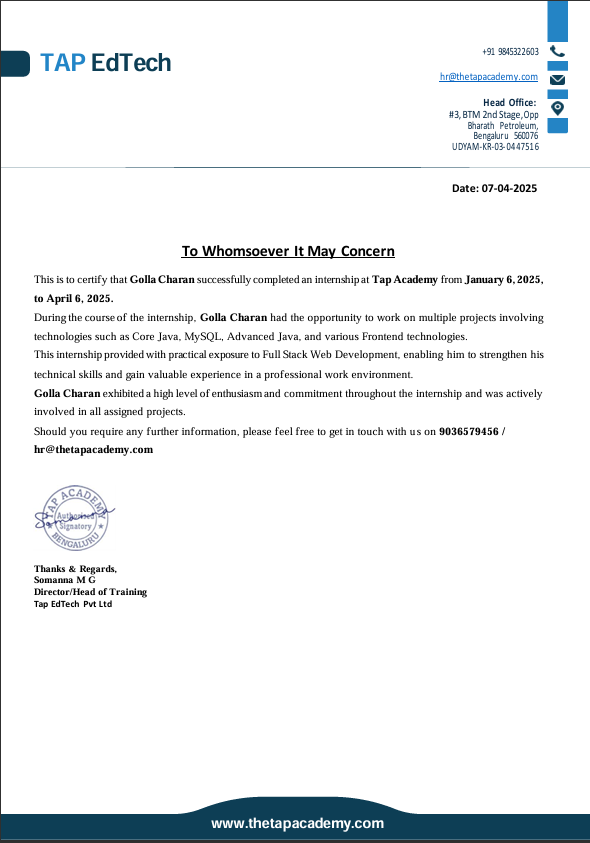
### Endorsements

**Faculty Guide:** Dr . A. Vishnuvardhan Reddy, Associate Professor

**Head of the Department:** Dr. R. PRAVEEN SAM, Professor & HOD

**Principal:** Dr. B. SREENIVAS REDDY

**CERTIFICATE FROM INTERN ORGANIZATION**

****

## ACKNOWLEDMENTS

This will certainly not be complete without acknowledgments paid to all these who have helped us in doing our long-term internship.

I sincerely express my heartfelt gratitude to **Dr . A. Vishnuvardhan Reddy**, my internship guide, whose expertise and guidance have played a pivotal role in the successful completion of this short-term internship.

It is a great pleasure to acknowledge my profound sense of gratitude to our Head of the Department **Dr.R. Praveen Sam Sir Garu**, for his valuable and inspiring guidance, comments and suggestions and encouragement towards the course of this internship.

Involuntarily, I am precious to divulge my sincere gratefulness to our principal, **Dr. B. Sreenivasa Reddy Garu**, who has been observed posing valance in an abundance forwards my individuality to acknowledge my long-term internship tendentiously.

At the outset I thank our Honorable chairman **Sri P. Subba Reddy Garu**, G. Pulla Reddy Engineering College for providing us with good facilities and his moral support throughout the course.

I extend my sincere thanks to the entire team at **TAP ACADEMY** for providing me with the opportunity to delve into the world of Web Development. Your mentorship and resources have been invaluable in enhancing my skills and knowledge in this field.

I would also like to acknowledge the dedication and expertise of my colleagues and mentors who generously shared their insights and experiences with me, your contributors have significantly enriched my learning journey.

In conclusion, I am truly grateful for this enriching experience, and I look forward to applying the knowledge and skills I have gained in my future endeavours Thank you to everyone whom played a part in making this internship a rewarding and fulfilling experience.

## CHAPTER 1: EXECUTIVE SUMMARY

The Full Stack Web Development Course is an interactive and immersive program that offers a comprehensive learning journey, designed to provide real-time guidance, expert mentorship, and hands-on training. This course is meticulously structured to ensure that learners not only grasp theoretical concepts but also develop a practical, in-depth understanding of both frontend and backend technologies. It prepares students to become proficient in full-stack web development, equipping them with the skills necessary to build, deploy, and maintain dynamic, high-performing web applications.

The curriculum encompasses a wide range of web development tools and technologies, including HTML, CSS, JavaScript, front-end frameworks (like Spring) server-side languages (Python, or Java), and databases (SQL). The course structure is crafted to ensure that learners can seamlessly transition between frontend and backend development, enabling them to handle end-to-end web development projects with confidence.

The course features expert-led sessions and real-time coding exercises designed to simulate industry-standard practices. Participants will engage in collaborative problem-solving activities, providing opportunities for peer-to-peer learning and support. This collaborative approach mimics the real-world development environment, where teamwork and communication are key to delivering successful projects.

Emphasizing practical application, the course highlights best practices in coding, debugging, and deployment. Students will gain valuable experience through real-world projects and case studies, which will help them refine their skills and build a professional portfolio. By the end of the course, learners will not only have the technical expertise but also the confidence to apply industry-standard methodologies to build robust and scalable web applications.

Overall, the Full Stack Web Development Course aims to prepare students for a successful career in web development, fostering a blend of technical skills, practical experience, and collaboration that are essential for thriving in the fast-evolving tech industry.

## CHAPTER 2: OVERVIEW OF THE ORGANIZATION

**Introduction of the Organization:**

TAP Academy, based in Bangalore, is a leading educational institution specializing in Full Stack Web Development training. The academy is committed to providing high-quality, hands-on learning experiences that equip students with the skills and knowledge to excel in the tech industry. By offering comprehensive courses in both front-end and back-end technologies, TAP Academy prepares its students for the rapidly evolving digital landscape, ensuring they are well-equipped to build and deploy modern web applications.

**Vision:**

TAP Academy aims to be a global leader in Full Stack Web Development education, empowering individuals to shape the future of web technologies and drive innovation in the digital world.

**Mission:**

The mission is to deliver high-quality, practical training in Full Stack Web Development, bridging the gap between theoretical knowledge and real-world application, and preparing students to meet the needs of the tech industry.

**Values:**

* + Innovation: Embracing the latest technologies to stay ahead in the field of web development.
  + Integrity: Upholding transparency and ethical standards in all educational practices.
  + Excellence: Committing to superior quality in education and student outcomes.
  + Collaboration: Fostering teamwork and partnerships among students, faculty, and industry professionals.

**Policy:**

TAP Academy’s internship policy provides students with a real-world learning environment where they can engage with live projects and gain hands-on experience in Full Stack Web Development. Interns are encouraged to:

* Learn & Contribute: Engage in projects involving web development technologies such as HTML, CSS, JavaScript, and frameworks like React and Node.js.
* Collaborate: Work within teams, enhancing their communication and teamwork skills while contributing to project development and deployment.

Performance of TAP Academy

* Turnover: TAP Academy shows strong financial growth driven by consistent course enrollments and high demand for Full Stack Web Development skills.
* Profits: With successful corporate partnerships and training programs, TAP Academy maintains profitability, ensuring sustainable growth.
* Market Reach: The academy has a robust presence in Bangalore and is expanding its reach across India and internationally through online learning.
* Market Value: TAP Academy’s reputation for delivering quality web development training enhances its market value, attracting students and industry recognition.

**Future Plans:**

* Service Expansion: TAP Academy plans to offer additional courses in advanced web development technologies such as mobile app development, cloud computing, and DevOps practices.
* Global Growth: The academy aims to expand internationally by offering remote learning programs and forging global partnerships to cater to a wider audience.
* Sustainability: TAP Academy is committed to sustainability, incorporating eco-friendly practices in its operations and focusing on developing tech solutions that support environmental goals.

## CHAPTER 3: INTERNSHIP PART

### Description of Activities and Responsibilities

During the internship, which took place from January 01, 2025, to June 30, 2025, the intern was deeply involved in both programming and web development projects, working within the organization. The internship offered a blend of practical experience and exposure to advanced technologies, contributing significantly to the intern's professional growth.

The Full Stack Web Development Live Classes offer an interactive and immersive learning experience designed to provide real-time guidance, mentorship, and hands-on training. These classes are structured to ensure a deep understanding of both frontend and backend technologies, enabling learners to master web development concepts efficiently. With expert-led sessions, real-time coding exercises, and collaborative problem-solving, participants will gain practical exposure to industry-relevant skills. The live classes emphasize real-world application, industry best practices, and collaborative learning, preparing students to confidently build and deploy web applications.

### Working Conditions

The intern worked in a dynamic and collaborative environment within the. The office was equipped with modern facilities and technology, creating an ideal workspace for innovation and productivity. The work environment was supportive and encouraged continuous learning and development.

### Weekly Work Schedule

The intern followed a structured weekly schedule.

**Monday to Thursday:** Focused on project-related tasks and lectures.

**Friday:** Reserved for independent work, research and documentation of progress. Time was also allocated for learning and skill development activities and a weekly test also been conducted on the lecture.

### Equipment used:

The intern utilized various tools and technologies essential for web development tasks.

* **Software and Tools:** using of the portals provided and coding platforms like eclipse.
* **Hardware:** completed the tasks using a laptop.
* **Version Control:** Managing the tasks using AI.

### Skills Acquired

Throughout the internship, the intern acquired a range of valuable skills:

**Technical Proficiency:** Enhanced programming skills in Java and familiarity with key libraries and tools for web development.

**Analytical Skills:** Improved ability to analyze and interpret data, and apply techniques effectively.

**Project Management:** Gained experience in managing project tasks, meeting deadlines, and working collaboratively within a team.

**Problem-Solving:** Developed problem-solving skills by tackling real-world data challenges and refining solutions based on feedback and evaluation.

**Communication:** Enhanced communication skills through documentation, presentations, and team interactions.

The internship provided a comprehensive learning experience, integrating theoretical knowledge with practical applications in data science and machine learning, preparing the intern for future roles in the field.

## ACTIVITY FOR THE FIRST WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In- charge Signature** |
| **Day-1 06-01-2025** | Learned about Java’s data types, memory allocation, and type conversions. | Understanding of Java’s data types, their usage, and type conversion mechanisms. |  |
| **Day-2 02-01-2025** | Overview of the evolution of High-Level Languages (HLL) and how Java stands out with its features. | Knowledge of programming language evolution and Java’s role in modern development. |  |
| **Day-3 08-01-2025** | Explanation of Java’s platform independence through JVM (Java Virtual Machine) and bytecode execution. | Understanding of how Java achieves platform independence and the importance of JVM. |  |
| **Day-4 09-01-2025** | Introduction to Object-Oriented Programming (OOP) in Java, covering concepts like classes, objects, inheritance, and polymorphism. | Ability to implement OOP principles in Java programs. |  |
| **Day-5 10-01-2025** | Introduction to AI-driven web application development using Java frameworks and AI libraries. | Hands-on experience in building AI-powered web applications with Java. |  |

**WEEKLY REPORT**

**WEEK – 1 (From Dt 06-01-2025 to Dt 10-01-2025)**

**Objective of the Activity Done:**

To gain a fundamental understanding of Java programming, including data types, platform independence, object-oriented principles, and AI-powered web application development.

**Detailed-Report:**   
During the first week of Java training, the sessions covered the essential concepts required for Java programming. The focus was on understanding data types, the history and evolution of high-level languages, Java’s platform independence, object-oriented programming (OOP) principles, and integrating AI into web applications using Java.

**Key Activities Performed:**

**Day 1 (06-01-2025):** Learned about Java’s data types, memory allocation, and type conversions.

**Day 2 (02-01-2025):** Studied the evolution of high-level programming languages and Java’s distinguishing features.

**Day 3 (08-01-2025):** Explored Java’s platform independence and the role of JVM in executing bytecode.

**Day 4 (09-01-2025):** Studied Object-Oriented Programming (OOP) concepts, including classes, objects, inheritance, and polymorphism.

**Day 5 (10-01-2025):** Gained hands-on experience in creating an AI-powered web application using Java frameworks.

**Learning Outcome:**

By the end of the week, I had a solid understanding of Java programming fundamentals. I acquired knowledge of data types, object-oriented programming concepts, and the importance of platform independence. Additionally, they gained practical experience in developing AI-powered web applications using Java.

## ACTIVITY FOR THE SECOND WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| **Day-1 13-01-2025** | Explored the Java main() method  Its structure, and execution process. | Gained an understanding of the importance of the main() method in Java applications and how it serves as the entry point for program execution. |  |
| **Day-2 15-01-2025** | Learned about Java’s platform independence and started **Pattern Programming** with loops. | Understood how Java maintains **platform independence** and applied logical thinking to implement **pattern-based programs**. |  |
| **Day-3 16-01-2025** | Continued **Pattern Programming**, implementing advanced patterns using loops and conditionals. | Developed skills in **pattern logic** and improved problem-solving techniques using Java loops and nested structures. |  |
| **Day-4 17-01-2025** | Reviewed **Java’s platform- independence** and its practical applications in real-world projects. | Strengthened understanding of JVM and bytecode execution, reinforcing Java’s portability across different platforms. |  |

**WEEKLY REPORT**

**WEEK – 2 (From Dt 13-01-2025 to Dt 17-01-2025)**

**Objective of the Activity Done:**

To deepen the understanding of Java’s **main() method**, platform independence, and pattern programming, enhancing logical thinking and problem-solving skills.

**Detailed-Report:**

In the second week of Java training, the focus was on understanding the **main() method**, revisiting Java’s **platform independence**, and learning **pattern programming** using loops and conditionals. The sessions emphasized **logical structuring** and improving coding efficiency through practical exercises.

**Key Activities Performed:**

**Day 1 (13-01-2025):** Studied the **main() method**, its structure, and execution process in Java.

**Day 2 (15-01-2025):** Explored **platform independence** and started **Pattern Programming** with loops.

**Day 3 (16-01-2025):** Implemented **advanced pattern programming** using nested loops and conditionals.

**Day 4 (17-01-2025):** Reviewed **platform independence** and its real-world applications.

**Learning Outcome:**

By the end of the week, I had a strong grasp of Java’s **main() method**, understood how Java maintains **platform independence**, and developed **logical thinking skills** through **pattern programming** exercises. These concepts are fundamental for improving Java coding proficiency and preparing for complex problem-solving scenarios.

## ACTIVITY FOR THE THIRD WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| **Day-1 20-01-2025** | Studied **Java Data Types** and explored **Data Types** in programming. | Gained an understanding of **different data types** in Java and their usage in programming. |  |
| **Day-2 21-01-2025** | Learned Type Casting in Java and practiced If-Else statements in programming. | Understood **implicit and explicit type casting** in Java and improved logical thinking with **If-Else conditions**. |  |
| **Day-3 22-01-2025** | Explored **Code Snippets** in Java and worked on **advanced If-Else conditions** in programming. | Learned to analyze and apply **Java code snippets** efficiently and enhanced **decision-making skills** in programming. |  |
| **Day-4 23-01-2025** | Studied **Variables in Java** and implemented **Loops** in programming. | Understood different **types of variables** in Java and gained practical experience in **loop-based programming**. |  |
| **Day-5 24-01-2025** | Explored Memory Allocation in Java and continued practicing Loops in programming. | Learned about stack and heap memory in Java and improved iteration techniques using loops. |  |

**WEEKLY REPORT**

**WEEK – 3 (From Dt 20-01-2025 to Dt 24-01-2025)**

**Objective of the Activity Done:**

To gain a clear understanding of **Java concepts** such as **Data Types, Type Casting, Code Snippets, Variables, and Memory Allocation**, while enhancing **logical programming skills** through **If-Else conditions and Loops**.

**Detailed Report:**

This week, the focus was on **Java’s fundamental concepts**, including **data types, type casting, variables, and memory allocation**.  
Simultaneously, **programming exercises** strengthened **decision-making using If-Else statements** and **iterative logic using loops**.

**Key Activities Performed:**

**Day 1 (20-01-2025):** Studied **Java Data Types** and explored **Data Types** in programming.

**Day 2 (21-01-2025):** Learned **Type Casting** in Java and practiced **If-Else statements** in programming.

**Day 3 (22-01-2025):** Explored **Code Snippets** in Java and worked on **advanced If-Else conditions** in programming.

**Day 4 (23-01-2025):** Studied **Variables in Java** and implemented **Loops** in programming.

**Day 5 (24-01-2025):** Explored **Memory Allocation in Java** and continued practicing **Loops** in programming.

**Learning Outcome:**

By the end of the week, participants developed a solid foundation in **Java fundamentals**, including **data types, variables, and memory allocation**.  
Additionally, they improved their **logical thinking and problem-solving skills** by working with **If-Else conditions and loop structures** in programming.

## ACTIVITY FOR THE FOURTH WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| **Day-1 27-01-2025** | Introduction to **Arrays in Java** and explored **Common Multiples and Factors** in programming. | Understood the **concept of arrays**, their usage, and gained problem-solving skills in **Common Multiples and Factors.** |  |
| **Day-2 28-01-2025** | Studied **2D Arrays in Java**, including declaration, initialization, and traversal. Continued **Common Multiples and Factors** in programming. | Learned how to work with **2D arrays**, their structure, and improved logical thinking in **number properties**. |  |
| **Day-3 29-01-2025** | Continued 2D Arrays, focusing on memory allocation and operations. Practiced Common Multiples and Factors in programming. | Gained deeper knowledge of 2D arrays and their memory usage while refining mathematical problem-solving skills. |  |
| **Day-4 30-01-2025** | Studied **Jagged Arrays in Java** and explored **Array Traversal** in programming. | Understood **Jagged Arrays** and their applications while learning **efficient ways to traverse arrays**. |  |
| **Day-5 31-01-2025** | **No Java session**. Focused on **Array Traversal** in programming, implementing various traversal techniques. | Learned **optimized ways to navigate and manipulate arrays** in programming. |  |

**WEEKLY REPORT**

**WEEK – 4 (From Dt 27-01-2025 to Dt 31-01-2025)**

**Objective of the Activity Done:**

To develop an in-depth understanding of **Arrays in Java**, including **2D and Jagged Arrays**, while strengthening **programming skills** in **Common Multiples, Factors, and Array Traversal** through problem-solving exercises.

**Detailed Report:**

The fourth week of training focused on **advanced array concepts in Java**, such as **2D Arrays and Jagged Arrays**, while programming exercises covered **Common Multiples, Factors, and Array Traversal** for efficient data handling. The last day was fully dedicated to **programming practices**, without a Java session.

**Key Activities Performed:**

**Day 1 (27-01-2025):** Introduced **Arrays in Java** and practiced **Common Multiples and Factors** in programming.

**Day 2 (28-01-2025):** Studied **2D Arrays in Java** and continued solving **Common Multiples and Factors** problems.

**Day 3 (29-01-2025):** Continued **2D Arrays**, focusing on memory allocation and mathematical computations.

**Day 4 (30-01-2025):** Explored **Jagged Arrays in Java** and implemented **Array Traversal** techniques in programming.

**Day 5 (31-01-2025):** **No Java session**. Focused on **Array Traversal** and different ways to iterate and manipulate arrays in programming.

**Learning Outcome:**

By the end of the week, We gained expertise in **2D Arrays and Jagged Arrays** in Java, understanding their memory structure and real-world applications.  
Additionally, they strengthened their **mathematical problem-solving skills** by working on **Common Multiples and Factors**, while enhancing their ability to **traverse and manipulate arrays efficiently** in programming.

## ACTIVITY FOR THE FIFTH WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| **Day-1 03-02-2025** | Studied **Jagged Arrays in Java** and explored **Array Traversal** in programming. | Gained knowledge of **Jagged Arrays** and their memory structure while improving traversal techniques in programming. |  |
| **Day-2 04-02-2025** | Introduction to **Strings in Java**, including declaration and basic operations. Worked on **Program on Array Traversal** in programming. | Learned how **strings are managed** in Java and implemented **efficient array traversal techniques**. |  |
| **Day-3 05-02-2025** | **No Java session**. Focused on **Array Pairs** in programming. | Developed problem-solving skills using **array pairs and pairwise computations**. |  |
| **Day-4 06-02-2025** | Continued learning about **Strings in Java**, covering concatenation and manipulation. **No programming session.** | Understood **string operations** and how to manipulate strings effectively in Java. |  |
| **Day-5 07-02-2025** | Studied String Inbuilt Methods in Java and explored Time Complexity in programming. | Learned about built-in string functions and how to analyze algorithm efficiency using time complexity. |  |

**WEEKLY REPORT**

**WEEK – 5 (From Dt 03-02-2025 to Dt 07-02-2025)**

**Objective of the Activity Done:**

To develop an in-depth understanding of **Jagged Arrays and Strings in Java**, while enhancing programming skills in **Array Traversal, Array Pairs, and Time Complexity**.

**Detailed Report:**

The fifth week focused on **advanced Java topics**, such as **Jagged Arrays and String operations**, and essential **programming concepts**, including **array traversal, array pairs, and time complexity analysis**.

**Key Activities Performed:**

**Day 1 (03-02-2025):** Studied **Jagged Arrays in Java** and practiced **Array Traversal** in programming.

**Day 2 (04-02-2025):** Introduced **Strings in Java** and worked on a **Program on Array Traversal** in programming.

**Day 3 (05-02-2025):** **No Java session**. Focused on **Array Pairs** in programming.

**Day 4 (06-02-2025):** Continued learning about **Strings in Java**, including concatenation and manipulation. **No programming session.**

**Day 5 (07-02-2025):** Studied **String Inbuilt Methods** in Java and explored **Time Complexity** in programming.

**Learning Outcome:**

By the end of the week, We had a strong grasp of **Jagged Arrays and String operations in Java**, including **inbuilt methods and string manipulation techniques**.  
Additionally, they developed **problem-solving skills** through **array traversal, array pairs, and time complexity analysis**, which are essential for writing efficient code.

## ACTIVITY FOR THE SIXTH WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| **Day-1 10-02-2025** | Studied **Mutable Strings in Java** and explored **Sorted Arrays** in programming. | Gained knowledge of **Mutable Strings** (StringBuilder, String Buffer) and learned **sorting techniques** in programming. |  |
| **Day-2 11-02-2025** | Learned **Conventions in Java**, including coding standards and best practices. Continued working on **Sorted Arrays** in programming. | Understood **Java coding standards** and improved proficiency in **sorting algorithms**. |  |
| **Day-3 12-02-2025** | **No Java session**. Focused on **Multiple Arrays** in programming. | Developed problem-solving skills in handling **multiple arrays and multi-dimensional data structures**. |  |
| **Day-4 13-02-2025** | Studied **Method Overloading in Java**, covering function overloading techniques. **No programming session.** | Learned how to **overload methods in Java** to improve code reusability and efficiency. |  |
| **Day-5 14-02-2025** | Implemented **Method Overloading** in Java and explored **Sub Arrays** in programming. | Gained practical experience in method overloading and improved logical thinking in sub-array operations. |  |

**WEEKLY REPORT**

**WEEK – 6 (From Dt 10-02-2025 to Dt 14-02-2025)**

**Objective of the Activity Done:**

To gain an understanding of **Mutable Strings, Method Overloading, and Java Coding Conventions**, while enhancing **programming skills** in **Sorted Arrays, Multiple Arrays, and Sub Arrays**.

**Detailed Report:**

The sixth week focused on **Java’s advanced string handling and method overloading**, while programming sessions emphasized **array sorting, multiple arrays, and sub-arrays** for efficient data handling.

**Key Activities Performed:**

**Day 1 (10-02-2025):** Studied **Mutable Strings in Java** and practiced **Sorted Arrays** in programming.

**Day 2 (11-02-2025):** Learned about **Java Conventions** and continued working on **Sorted Arrays** in programming.

**Day 3 (12-02-2025):** **No Java session**. Focused on **Multiple Arrays** in programming.

**Day 4 (13-02-2025):** Studied **Method Overloading in Java** and its implementation. **No programming session.**

**Day 5 (14-02-2025):** Implemented **Method Overloading** in Java and explored **Sub Arrays** in programming.

**Learning Outcome:**

By the end of the week, We had a strong understanding of **Mutable Strings, Java Conventions, and Method Overloading**.  
Additionally, they enhanced their **problem-solving skills** by working with **Sorted Arrays, Multiple Arrays, and Sub Arrays**, improving their ability to **handle complex data structures** efficiently.

## ACTIVITY FOR THE SEVENTH WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| **Day-1 17-02-2025** | Explored **Sub Arrays** in programming, focusing on finding and manipulating sub-arrays. | Gained knowledge of **sub-array operations** and how to process different segments of an array efficiently. |  |
| **Day-2 18-02-2025** | Studied **Rearrange Arrays**, including sorting and rearrangement techniques in programming. | Learned different approaches to **rearrange arrays** to meet specific conditions. |  |
| **Day-3 19-02-2025** | Worked on **Consecutive Subarrays**, identifying continuous subarrays and their properties. | Developed problem-solving skills in **finding and handling consecutive subarrays**. |  |
| **Day-4 20-02-2025** | Introduced **Strings in Programming**, covering string operations and manipulations. | Understood basic **string handling techniques** and their applications in programming. |  |
| **Day-5 21-02-2025** | Implemented **Method Overloading in Java**, applying function overloading concepts. | Gained hands-on experience in **overloading methods in Java** to improve code reusability and efficiency. |  |

**WEEKLY REPORT**

**WEEK – 7 (From Dt 11-02-2025 to Dt 17-02-2025)**

**Objective of the Activity Done:**

To strengthen **problem-solving skills in programming** through **Sub Arrays, Rearranging Arrays, Consecutive Subarrays, and Strings**, while gaining hands-on experience in **Method Overloading in Java**.

**Detailed Report:**

The seventh week focused on **array manipulation techniques** and **string operations in programming**, while the final day introduced **Method Overloading in Java**.  
Throughout the week, participants worked on **sub-array processing, array rearrangement, and string manipulations** to enhance their **logical thinking and efficiency in problem-solving**.

**Key Activities Performed:**

**Day 1 (17-02-2025):** Studied **Sub Arrays**, learning how to extract and manipulate segments of an array.

**Day 2 (18-02-2025):** Explored **Rearrange Arrays**, practicing sorting and restructuring arrays based on given conditions.

**Day 3 (19-02-2025):** Worked on **Consecutive Subarrays**, identifying continuous sequences and solving related problems.

**Day 4 (20-02-2025):** Introduced **Strings in Programming**, covering basic string operations and manipulation techniques.

**Day 5 (21-02-2025):** Implemented **Method Overloading in Java**, understanding its role in improving code reusability and efficiency.

**Learning Outcome:**

By the end of the week, We gained proficiency in **array manipulation techniques**, including **sub-arrays, rearranging arrays, and consecutive subarrays**.  
Additionally, they enhanced their **understanding of strings in programming** and developed hands-on experience in **Method Overloading in Java**, improving their ability to write **flexible and reusable code**.

## ACTIVITY FOR THE EIGHTH WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| **Day-1 24-02-2025** | Studied **String Traversal**, learning different ways to iterate through strings efficiently. | Gained an understanding of **string traversal techniques**, including character access and iteration methods. |  |
| **Day-2 25-02-2025** | Worked on **String Manipulation**, focusing on modifying and processing string data. | Learned how to **modify, format, and process strings** for different use cases. |  |
| **Day-3 27-02-2025** | Continued **String Manipulation**, working on advanced transformations and operations. | Strengthened problem-solving skills in **string manipulation**, including replacing, concatenating, and modifying strings. |  |
| **Day-4 28-02-2025** | Studied **String Manipulation and Substring Operations**, focusing on extracting parts of strings. | Developed expertise in **extracting substrings**, splitting strings, and handling different string manipulation challenges. |  |

**WEEKLY REPORT**

**WEEK – 8 (From Dt 24-02-2025 to Dt 28-02-2025)**

**Objective of the Activity Done:**

To enhance **string processing skills** through **String Traversal, Manipulation, and Substring Operations**, improving efficiency in handling text-based data.

**Detailed Report:**

The eighth week focused on **string traversal techniques, advanced string manipulation, and substring operations**. Participants explored different methods to process and modify strings, gaining a deeper understanding of **text processing and pattern extraction**.

**Key Activities Performed:**

**Day 1 (24-02-2025):** Studied **String Traversal**, learning how to efficiently iterate through strings.

**Day 2 (25-02-2025):** Worked on **String Manipulation**, modifying and formatting string data for different scenarios.

**Day 3 (27-02-2025):** Continued **String Manipulation**, focusing on advanced transformations and data processing.

**Day 4 (28-02-2025):** Studied **Substring Operations**, extracting specific parts of strings for analysis.

**Learning Outcome:**

By the end of the week, We gained expertise in **string traversal, manipulation, and substring handling techniques**.  
They improved their ability to process **text-based data**, preparing them for **advanced applications such as pattern matching, data cleaning, and text analysis**.

## ACTIVITY FOR THE NINETH WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| **Day-1 03-03-2025** | Studied **Encapsulation in Java**, understanding data hiding and access control. Explored **Substring operations** in programming. | Learned how **Encapsulation enhances security** in Java and improved skills in **extracting substrings** from strings. |  |
| **Day-2 04-03-2025** | Learned about **Constructors in Java**, their types, and use cases. Continued **Substring operations** in programming. | Understood the **role of constructors** in object creation and practiced advanced **substring extraction techniques**. |  |
| **Day-3 05-03-2025** | Implemented **Encapsulation Programs** in Java. Practiced **Substring handling and manipulation** in programming. | Gained hands-on experience in **Encapsulation-based Java programs** and refined **substring operations**. |  |
| **Day-4 06-03-2025** | Introduced **Static concepts in Java**, covering static methods and variables. Studied **Introduction to Sets** in programming. | Learned how **Static members** work in Java and gained knowledge of **Set operations and unique data storage** in programming. |  |
| **Day-5 07-03-2025** | Continued **Static concepts in Java**, focusing on best practices. Explored **Sets and their applications** in programming. | Strengthened understanding of **static keywords and memory management** in Java. Developed skills in **Set manipulations, including unions and intersections**. |  |

**WEEKLY REPORT**

**WEEK – 9 (From Dt 03-03-2025 to Dt 07-03-2025)**

**Objective of the Activity Done:**

To understand **Encapsulation, Constructors, and Static Concepts in Java**, while strengthening programming skills in **Substring operations and Set manipulations**.

**Detailed Report:**

The ninth week focused on **Encapsulation, Constructors, and Static concepts** in Java, providing insights into **data security, object instantiation, and memory management**.  
In programming, participants practiced **Substring operations**, understanding how to extract and manipulate string data efficiently. The week concluded with **Set operations**, introducing concepts of **unique data handling** and **mathematical set operations**.

**Key Activities Performed:**

**Day 1 (03-03-2025):** Studied **Encapsulation in Java** and explored **Substring operations** in programming.

**Day 2 (04-03-2025):** Learned about **Constructors in Java** and continued **Substring operations** in programming.

**Day 3 (05-03-2025):** Implemented **Encapsulation Programs** in Java and practiced **advanced Substring handling** in programming.

**Day 4 (06-03-2025):** Introduced **Static concepts in Java** and studied **Introduction to Sets** in programming.

**Day 5 (07-03-2025):** Continued **Static concepts in Java** and explored **Set operations and their applications** in programming.

**Learning Outcome:**

By the end of the week, We gained a strong understanding of **Encapsulation, Constructors, and Static members in Java**, improving their knowledge of **data security and memory management**.  
Additionally, they developed skills in **Substring operations for text manipulation** and **Set operations** for efficient data structuring in programming.

## ACTIVITY FOR THE TENTH WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| **Day-1 10-03-2025** | Studied Usage of Static Variables in Java and explored Sets in Programming. Introduced SQL basics. | Understood **how static variables work** in Java, learned **Set operations**, and gained a foundation in **SQL concepts**. |  |
| **Day-2 11-03-2025** | Continued **Static Concepts in Java**, worked with **Maps in Programming**, and studied **ER Diagrams in SQL**. | Strengthened knowledge of **static variables and methods**, learned **Map-based data structures**, and understood **Entity-Relationship diagrams**. |  |
| **Day-3 12-03-2025** | Studied **Inheritance in Java**, continued working on **Maps in Programming**, and converted **ER Diagrams to Relational Schema** in SQL. | Learned how **inheritance promotes code reusability**, improved **map-based problem-solving skills**, and understood **how ER models translate into relational tables**. |  |
| **Day-4 13-03-2025** | Explored **Types of Inheritance in Java**, practiced **Maps in Programming**, and learned about **Data Types in SQL**. | Understood different **inheritance models in Java**, mastered **map operations**, and learned about **SQL data types** for structured data management. |  |
| **Day-5 14-03-2025** | Studied **Constructor Chaining in Java**. **No Programming and SQL sessions.** | Learned how **constructors call each other** to streamline object creation in Java. |  |

**WEEKLY REPORT**

**WEEK – 10 (From Dt 10-03-2025 to Dt 14-03-2025)**

**Objective of the Activity Done:**

To gain an in-depth understanding of **Static Variables, Inheritance, and Constructor Chaining in Java**, while enhancing skills in **Sets, Maps, and SQL concepts like ER Diagrams and Data Types**.

**Detailed Report:**

This week’s training covered advanced Java concepts, focusing on static variables, inheritance, and constructor chaining to improve object-oriented programming skills.  
The programming sessions introduced Sets and Maps, helping participants learn efficient data storage and retrieval techniques. The SQL sessions provided insights into database structures, ER diagrams, and data types, forming a foundation for relational database management.

**Key Activities Performed:**

**Day 1 (10-03-2025):** Studied **Static Variables in Java**, explored **Sets in Programming**, and introduced **SQL basics**.

**Day 2 (11-03-2025):** Continued **Static Concepts in Java**, worked with **Maps in Programming**, and studied **ER Diagrams in SQL**.

**Day 3 (12-03-2025):** Learned **Inheritance in Java**, continued **Map operations in Programming**, and converted **ER Diagrams to Relational Schema in SQL**.

**Day 4 (13-03-2025):** Explored **Types of Inheritance in Java**, worked with **Maps in Programming**, and studied **Data Types in SQL**.

**Day 5 (14-03-2025):** Studied **Constructor Chaining in Java**.

**Learning Outcome:**

## By the end of the week, We gained a strong understanding of Java’s static concepts, inheritance, and constructor chaining, improving their object-oriented programming skills. They also enhanced their ability to work with data structures like Sets and Maps in programming, while developing a foundational understanding of SQL database concepts.

## ACTIVITY FOR THE ELEVENTH WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| **Day-1 17-03-2025** | Studied Methods in Inheritance in Java and learned about Constraints in SQL. | Understood how methods behave in inheritance scenarios and explored constraints used in SQL to enforce data integrity. |  |
| **Day-2 18-03-2025** | Covered Access Modifiers in Java and SQL concepts like Composite Primary Key, Auto Increment, and DDL Commands. | Learned how access levels affect class members in Java and understood table creation and constraint setup using SQL DDL commands. |  |
| **Day-3 19-03-2025** | Learned Rules of Method Overriding in Java and practiced DML commands and arithmetic queries in SQL. | Gained knowledge of overriding rules to ensure proper polymorphic behavior and became proficient in basic data manipulation using SQL. |  |
| **Day-4 20-03-2025** | Explored Final and Super keywords in Java and studied SQL operators (Arithmetic, Comparison, Logical). | Understood inheritance control using final and super keywords in Java and enhanced SQL query skills using various operator types. |  |
| **Day-5 21-03-2025** | Studied Polymorphism in Java and LIKE operator in SQL for pattern-based querying. | Learned how polymorphism provides flexibility in code and practiced pattern matching techniques using SQL LIKE operator. |  |

**WEEKLY REPORT**

**WEEK – 11 (From Dt 17-03-2025 to Dt 21-03-2025)**

**Objective of the Activity Done:**

To understand advanced object-oriented programming concepts such as Method Overriding, Access Modifiers, Final & Super Keywords, and Polymorphism in Java, while enhancing SQL skills with Constraints, DDL & DML commands, Operators, and Pattern Matching techniques.

**Detailed Report:**

This week’s training delved into deeper aspects of Java OOP, particularly focusing on inheritance-related behaviours and control mechanisms such as access modifiers, method overriding rules, and the use of final and super keywords. Participants also explored runtime polymorphism and its applications.

In the SQL sessions, learners studied data constraints, primary keys, and command-based data operations (DDL & DML). They practiced using arithmetic, comparison, and logical operators, and also explored pattern-based searching using LIKE.

**Key Activities Performed:**

**Day 1 (17-03-2025):** Studied Methods in Inheritance in Java and learned about Constraints in SQL.

**Day 2 (18-03-2025):** Covered Access Modifiers in Java and explored SQL topics like Composite Primary Key, Auto Increment, and DDL Commands.

**Day 3 (19-03-2025):** Learned Rules of Method Overriding in Java and practiced DML commands and arithmetic queries in SQL.

**Day 4 (20-03-2025):** Explored Final and Super keywords in Java and studied Arithmetic, Comparison, and Logical Operators in SQL.

**Day 5 (21-03-2025):** Studied Polymorphism in Java and LIKE operator in SQL for pattern-based queries.

**Learning Outcome:**

## By the end of the week, participants gained strong insights into Java’s advanced OOP principles like access control, method overriding, and polymorphism. They also developed practical experience with SQL constraints, data manipulation, and conditional querying, enabling them to work confidently with relational databases in real-world scenarios.

## ACTIVITY FOR THE TWELTH WEEK

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| **Day-1 24-03-2025** | Studied Rules of Interface and Default & Static Methods in Java. Practiced Date, String & Math Functions in SQL. | Understood interface behavior and default/static methods. Applied queries using string/date/math SQL functions. |  |
| **Day-2 25-03-2025** | Learned Functional Interfaces and Introduction to Exception Handling in Java. Practiced Comparison, Control Flow, and Window & Aggregate functions in SQL. | Gained knowledge of Java functional programming basics and explored control-based SQL queries. |  |
| **Day-3 26-03-2025** | Covered Single Try-Multiple Catch blocks and different exception handling techniques in Java. Practiced Group By, Having Clause, and Subqueries in SQL. | Developed strong error-handling skills in Java and mastered grouping and filtering SQL queries. |  |
| **Day-4 27-03-2025** | Studied Exception Hierarchy and Custom Exceptions in Java. Learned Joins, Index, and Views in SQL. | Gained in-depth understanding of custom exceptions and relational joins, views, and indexing in databases. |  |
| **Day-5 28-03-2025** | Covered Design Patterns and Introduction to Multithreading in Java. Practiced Triggers, Stored Procedures, and Normalization in SQL. | Learned scalable design solutions and concurrency in Java. Understood automation, procedures, and normalization rules. |  |

**WEEKLY REPORT**

**WEEK – 12 (From Dt 24-03-2025 to Dt 28-03-2025)**

**Objective of the Activity Done:**

To gain comprehensive knowledge of advanced Java concepts including Interfaces, Exception Handling, Design Patterns, and Multithreading, along with enhancing SQL querying skills using various advanced clauses and concepts like subqueries, joins, views, and normalization.

**Detailed Report:**

This week’s training focused on strengthening Java backend capabilities by diving deep into interface rules, functional interfaces, and the core principles of exception handling. Learners were introduced to essential concepts such as single try-multiple catch, custom exceptions, exception hierarchy, and effective design patterns in Java development. The week concluded with an introduction to multithreading, highlighting the importance of concurrency in application development.

The SQL sessions provided advanced insights into database querying. Participants worked on string, date, and math functions, as well as control flow, group operations, subqueries, and joins. They also explored indexing, views, stored procedures, triggers, and normalization practices essential for efficient database management.

**Key Activities Performed:**

**Day 1 (24-03-2025):** Covered Rules of Interface and Default & Static Methods in Java. Practiced String, Date, and Math Functions in SQL.

**Day 2 (25-03-2025):** Learned Functional Interface and Introduction to Exception Handling. Practiced advanced SQL queries including Comparison, Control Flow, and Aggregate Functions.

**Day 3 (26-03-2025):** Studied Single Try-Multiple Catch and Different Ways of Handling Exceptions. Practiced Group By, Having, and Subqueries in SQL.

**Day 4 (27-03-2025):** Understood Exception Hierarchy and Custom Exception Creation. Covered SQL Joins, Indexing, and Views.

**Day 5 (28-03-2025):** Introduced to Design Patterns and Multithreading in Java. Learned Triggers, Stored Procedures, and Database Normalization in SQL.

**Learning Outcome:**

## By the end of the week, participants significantly improved their understanding of exception management and interface implementation in Java. They gained knowledge on how to design robust and scalable applications using design patterns and multithreading. In SQL, learners achieved proficiency in using complex query operations, subqueries, and database optimization through indexing and normalization techniques.

## CHAPTER 5: OUTCOMES DESCRIPTION

**Describe the work environment you have experienced** *(in terms of people interactions, facilities available and maintenance, clarity of job roles, protocols, procedures, processes, discipline, time management, harmonious relationships, socialization, mutual support and teamwork, motivation, space and ventilation, etc.)*

|  |
| --- |
| The work and learning atmosphere at TAP ACADEMY was excellent for my professional and |
| personal development during my internship. With its contemporary amenities, the workplace was kept up |
| nicely. The personnel fostered a collaborative culture by being personable and friendly. There was effective |
| communication of daily operations protocols and a clear definition of job roles and duties. |
| The atmosphere promoted cooperation and mutual support, which aided in efficient problem-solving and |
| project completion. Discipline and time management were highly valued, and work were kept on track |
| with frequent check-ins and feedback sessions. |
| Encouragement of socialization within the team contributed to the development of peaceful relationships |
| and sustained enthusiasm for the duration of the internship. |

**Describe the real time technical skills you have acquired** *(in terms of the job-related skills and hands on experience)*

The skills I have acquired during the internship are expertise in both **frontend and backend**

**technologies**, allowing to build dynamic and responsive web applications. On the **frontend**, I have

learnt **HTML, CSS, and JavaScript**, along with modern frameworks like **React**, enabling to create

interactive user interfaces with responsive designs using tools like **Bootstrap**. On the **backend**

worked with **Node.js** to build APIs, manage server-side logic. Additionally, I have gained hands-on

experience with **databases**, including **SQL (MySQL).**

**Describe the managerial skills you have acquired** *(in terms of planning, leadership, team work, behavior, workmanship, productive use of time, weekly improvement in competencies, goal setting, decision making, performance analysis, etc.*

|  |
| --- |
| The internship experience allowed me to develop essential managerial skills. Planning and |
| organization were crucial as I managed multiple tasks and adhered to deadlines. I demonstrated |
| leadership in guiding certain aspects of project work and coordinated effectively within the team. |
| Teamwork was central to achieving project goals, and I learned to contribute effectively while also |
| supporting team members. I practiced productive time management by balancing project work with |
| learning activities. Weekly reviews and feedback sessions helped me set goals and track progress, |
| while decision-making skills were honed through problem-solving and project adjustments. |
| Performance analysis of models and iterative improvements also enhanced my ability to assess and |
| refine work process. |

**Describe how you could improve your communication skills** *(in terms of improvement in oral communication, written communication, conversational abilities, confidence levels while communicating, anxiety management, understanding others, getting understood by others, extempore speech, ability to articulate the key points, closing the conversation, maintaining niceties and protocols, greeting, thanking and appreciating others, etc.,)*

|  |
| --- |
| To improve my communication skills, I plan to focus on several areas: |
| **Oral Communication:** Engage more in presentations and discussions to boost confidence and clarity. |
| **Written Communication:** Practice writing detailed and clear reports and documentation to enhance |
| precision and coherence. |
| **Conversational Abilities:** Participate in more interactive discussions to better understand and be understood |
| by others. |
| **Confidence Levels:** Take part in public speaking opportunities to overcome anxiety and articulate key |
| points effectively. |
| **Understanding Others:** Develop active listening skills to better grasp others' perspectives and respond |
| appropriately. |

### Describe how could you could enhance your abilities in group discussions, participation in teams, contribution as a team member, leading a team/activity.

|  |
| --- |
| **Enhancing my abilities in group discussions and team participation involves:** |
| **Active Engagement:** Contribute ideas and feedback constructively during group discussions. |
| **Collaboration:** Work on building strong interpersonal relationships with team members and |
| understanding their roles and perspectives. |
| **Leadership Skills:** Take initiative in leading team activities by setting clear objectives and motivating |
| team members |
| **Conflict Resolution:** Develop skills in addressing and resolving disagreements effectively to maintain |
| team cohesion |
| **Feedback:** Be open to receiving and giving constructive feedback to improve team dynamics and |
| performance. |

**Describe the technological developments you have observed and relevant to the subject area of training** *(focus on digital technologies relevant to your job role)*

|  |
| --- |
| During the internship, several significant technological developments relevant to the full stack web |
| applications was observed. |
| Full Stack Web Development with **new frameworks, tools, and technologies** that make **CSS** |
| building web applications **faster, more efficient, and secure**. On the **frontend**, modern **JavaScript** |
| **frameworks like React.js, and Angular** allow for creating interactive and responsive web pages. |
| **frameworks** like **Bootstrap** help in designing user-friendly interfaces quickly. On the |
| **backend**, **Node.js with Express.js** has become popular for building fast and scalable web applications, |
| while **databases like MongoDB (NoSQL) and MySQL (SQL)** help manage data efficiently. |

### Student Self Evaluation of the Long-Term Internship

**Student Name & Registration No.:** Golla Charan, 219X1A3345 **Term of Internship: From: 06**-01-2025 **To:** 30-06-2025 **Date of Evaluation:**

**College Name & Address:** G. Pulla Reddy Engineering College, Kurnool

**Name & Address of the Supervisor with Mobile Number:** Dr. A. Vishnuvardhan Reddy, Associate Professor, ECS Department, GPREC, 9030219706

**Please rate your performance in the following areas:**

**Rating Scale: Letter grade of CGPA calculation to be provided**

**5**

**1) Oral communication 1 2 3** **4**

1. **Written communication 1 2 3 4** **5**
2. **Interaction with staff 1 2 3 4** **5**

**3) Initiative**

**1**

**2**

**3**

**4**

**5**

**5**

**5) Attitude 1 2 3** **4**

**6) Dependability 1 2 3 4** **5**

**5**

**7) Ability to learn 1 2 3** **4**

**8) Planning and organization 1 2 3 4** **5**

**5**

**9) Professionalism 1 2 3** **4**

**10) Creativity 1 2 3 4** **5**

**5**

**11) Quality of work 1 2 3** **4**

**12) Productivity 1 2 3 4** **5**

**5**

**13) Progress of learning 1 2 3** **4**

**14) Adaptability to organization’s culture/policies 1 2 3 4** **5**

**5**

**15) OVERALL PERFORMANCE 1 2 3** **4**

**Signature of the Student**

### Evaluation by the Supervisor of the Intern Organization

**Student Name & Registration No.:** Golla Charan, 219X1A3345 **Term of Internship: From:** 06-01-2025 **To:** 30-06-2025 **Date of Evaluation:**

**Organization Name & Address:** TAP ACADEMY, #3, BTM 2nd Stage, Opp Bharath

Petroleum, Bengaluru, India – 560026

**Name & Address of the Supervisor with Mobile Number:** Dr. A. Vishnuvardhan Reddy, Associate Professor, ECS Department, GPREC, 9030219706

**Please rate the student’s performance in the following areas:**

**Please note that your evaluation shall be done independent of the Student’s self-evaluation Rating Scale: 1 is lowest and 5 is highest rank**

**5**

**1) Oral communication 1 2 3** **4**

1. **Written communication 1 2 3 4** **5**
2. **Interaction with staff 1 2 3 4** **5**

**3) Initiative**

**1**

**2**

**3**

**4**

**5**

**5**

**5) Attitude 1 2 3** **4**

**6) Dependability 1 2 3 4** **5**

**8) Planning and organization 1 2 3 4** **5**

**7) Ability to learn 1 2** **3**

**4**

**5**

**10) Creativity 1 2 3 4** **5**

**9) Professionalism 1 2** **3**

**4**

**5**

**5**

**11) Quality of work 1 2 3** **4**

**12) Productivity 1 2 3 4** **5**

**5**

**13) Progress of learning 1 2 3** **4**

**14) Adaptability to organization’s culture/policies 1 2 3 4** **5**

**5**

**15) OVERALL PERFORMANCE 1 2 3** **4**

**Signature of the Supervisor**

### PHOTOS & VIDEO LINKS

* <https://tai.thetapacademy.com/courses/67922b3dfc5ddeea59f89af1>
* <https://tai.thetapacademy.com/assignments/6678f4e02f1a0dc865dc4bf1?viewMode=tree-view>

