



D.Y. PATIL COLLEGE OF ENGINEERING & TECHNOLOGY
KASABA BAWADA KOLHAPUR-416006
(An Autonomous Institute)

Department of Computer Science and Engineering

STUDENT'S WEEKLY REPORT

| | | | | |
|--|--------------------|-------------------|---------|------------|
| Week: 1 | DATE from | 18/01/2024 | DATE to | 19/01/2024 |
| Name of the student | | Yash Ananda Nikam | | |
| Name of Industry Mentor, Contact Number, With e-mail id | Vikas Mali | | | |
| | | | | |
| | Vikas.MALI@3ds.com | | | |
| <p>Supervisors Observations/Remarks:</p> <p>1. <u>Task Assigned:</u> Induction Program for Interns</p> <p>2. <u>Activities Performed:</u> Group activities, Games, attended various sessions, etc.</p> <p>3. <u>Key Learnings:</u> The induction program on the first day provided a thorough introduction to the company. We had the opportunity to meet key figures, including the CEO and brand managers. The session covered essential rules and regulations, giving us insight into the company's operational framework. The program successfully acquainted us with the organizational structure and set a positive tone for our internship experience.</p> <p>4. <u>Additional Remarks:</u> A good start in Dassault Systemes.</p> | | | | |

Dated Signature of Industry Mentor/ Supervisor

Seal of Company

STUDENT'S WEEKLY REPORT

| | | | | |
|--|--------------------|------------|---------|------------|
| Week: 2 | DATE from | 22/01/2024 | DATE to | 26/01/2024 |
| Name of the student | Yash Ananda Nikam | | | |
| Name of Industry Mentor, Contact Number, With e-mail id | Vikas Mali | | | |
| | Vikas.MALI@3ds.com | | | |
| <p>Supervisors Observations/Remarks:</p> <p>1. <u>Task Assigned:</u> Training & Certifications</p> <p>2. <u>Activities Performed:</u></p> <ul style="list-style-type: none">• Covid19: Prevention & Barrier measures Training• Ethics & Compliance Training• POSH Training <p>3. <u>Key Learnings:</u></p> <p>Ethics & Compliance Training underscores the significance of ethical conduct, ensuring adherence to company policies and regulations while recognizing and reporting unethical behaviour.</p> <p>4. <u>Additional Remarks:</u> NA</p> | | | | |

Dated Signature of Industry Mentor/ Supervisor

Seal of Company

STUDENT'S WEEKLY REPORT

| | | | | |
|--|--------------------|-------------------|---------|------------|
| Week: 3 | DATE from | 29/01/2024 | DATE to | 02/02/2024 |
| Name of the student | | Yash Ananda Nikam | | |
| Name of Industry Mentor, Contact Number, With e-mail id | Vikas Mali | | | |
| | | | | |
| | Vikas.MALI@3ds.com | | | |
| <p>Supervisors Observations/Remarks:</p> <p>1. <u>Task Assigned:</u> Training & Certifications</p> <p>2. <u>Activities Performed:</u></p> <ul style="list-style-type: none">• Swymers Training• Business Role Training• Mastering 3D Experience Platform Training <p>3. <u>Key Learnings:</u></p> <p>In Business Role Training, employees learn about their job responsibilities. Mastering 3D Experience Platform Training focuses on becoming proficient in using the 3DExperience Platform for design and collaboration.</p> <p>4. <u>Additional Remarks:</u> NA</p> | | | | |

Dated Signature of Industry Mentor/ Supervisor

Seal of Company

STUDENT'S WEEKLY REPORT

| | | | | |
|---|--------------------|------------|---------|------------|
| Week: 4 | DATE from | 05/02/2024 | DATE to | 09/02/2024 |
| Name of the student | Yash Ananda Nikam | | | |
| Name of Industry Mentor, Contact Number, With e-mail id | Vikas Mali | | | |
| | | | | |
| | Vikas.MALI@3ds.com | | | |
| Supervisors Observations/Remarks: | | | | |
| <p>1. <u>Task Assigned:</u> Java & JavaScript Training</p> | | | | |
| <p>2. <u>Activities Performed:</u></p> <ul style="list-style-type: none">• Introduction to Java, covering JDK, JVM and OOPs (Object-Oriented Programming).• exploration of OOPs concepts, including inheritance, bean classes, and solving problem statements.• Understanding typecasting, generics, and lambda functions.• Learning about Comparable and Comparator interfaces, utilizing Stream APIs, and mastering file I/O operations• Assesment-1:Solve a real-time problem utilizing inheritance. | | | | |
| <p>3. <u>Key Learnings:</u></p> <p>Utilizing inheritance enables hierarchical class structures for shared attributes; subclasses inherit from superclass's, reducing redundancy and promoting code reusability, facilitating polymorphism for flexible method implementations, resulting in cleaner, maintainable code for future modifications.</p> | | | | |
| <p>4. <u>Additional Remarks:</u> Throughout the training, I demonstrated a commendable grasp of core Java concepts and their practical applications in problem-solving scenarios.</p> | | | | |

Dated Signature of Industry Mentor/ Supervisor

Seal of Company

STUDENT'S WEEKLY REPORT

| | | | | |
|--|--------------------|------------|---------|------------|
| Week: 5 | DATE from | 12/02/2024 | DATE to | 16/02/2024 |
| Name of the student | Yash Ananda Nikam | | | |
| Name of Industry Mentor, Contact Number, With e-mail id | Vikas Mali | | | |
| | | | | |
| | Vikas.MALI@3ds.com | | | |
| Supervisors Observations/Remarks: | | | | |
| 1. <u>Task Assigned:</u> Java & JavaScript Training | | | | |
| 2. <u>Activities Performed:</u> | | | | |
| <ul style="list-style-type: none">• SQL queries: Basic understanding and writing of SQL queries for database operations.• JDBC: Introduction to JDBC for connecting Java applications to databases.• JDBC Data Access Object (DAO): Implementing DAO design pattern for efficient database access in Java.• HTML and CSS: Basics of HTML for web page structure and CSS for styling.• JavaScript: Fundamentals of JavaScript for web page interactivity. | | | | |
| 3. <u>Key Learnings:</u> | | | | |
| Explore SQL Queries for database operations, JDBC for Java database connectivity, and JDBC DAO for modular data access. They also delve into HTML/CSS for webpage structure and styling, emphasizing semantic HTML and CSS selectors. Additionally, JavaScript introduces webpage interactivity, covering syntax, variables, control structures, functions, DOM manipulation, and event handling. | | | | |
| 4. <u>Additional Remarks:</u> NA | | | | |

Dated Signature of Industry Mentor/ Supervisor

Seal of Company

STUDENT'S WEEKLY REPORT

| | | | | |
|---|--------------------|-------------------|---------|------------|
| Week: 6 | DATE from | 19/02/2024 | DATE to | 23/02/2024 |
| Name of the student | | Yash Ananda Nikam | | |
| Name of Industry Mentor, Contact Number, With e-mail id | Vikas Mali | | | |
| | | | | |
| | Vikas.MALI@3ds.com | | | |
| Supervisors Observations/Remarks: <ol style="list-style-type: none"> 1. <u>Task Assigned:</u> Java & JavaScript Training 2. <u>Activities Performed:</u> <ul style="list-style-type: none"> DOM Manipulation: Understanding how JavaScript interacts with the Document Object Model JavaScript API: Exploring various JavaScript APIs for handling events, manipulating elements, performing animations, and making HTTP requests. Servlet and JSP Introduction: Introduction to Java Servlets for handling server-side requests and Java Server Pages (JSP) for generating dynamic web content. Apache Tomcat Setup: Setting up and configuring Apache Tomcat, a widely used servlet container, for deploying and running Java web applications. Implemented Jersey basics Case-Study Twitter Clone 3. <u>Key Learnings:</u> <p>Students master DOM manipulation and JavaScript APIs for dynamic webpage content, alongside understanding JSON data exchange and delving into Servlets and JSP for server-side development. Furthermore, they become proficient in Apache Tomcat setup for deploying Java web applications efficiently. Lastly, they complete the learning journey by building a Twitter clone, a full-stack end-to-end application.</p> 4. <u>Additional Remarks:</u> NA | | | | |

Dated Signature of Industry Mentor/ Supervisor

Seal of Company

STUDENT'S WEEKLY REPORT

| | | | | |
|---|--------------------|------------|---------|------------|
| Week: 7 | DATE from | 26/02/2024 | DATE to | 01/03/2024 |
| Name of the student | Yash Ananda Nikam | | | |
| Name of Industry Mentor, Contact Number, With e-mail id | Vikas Mali | | | |
| | | | | |
| | Vikas.MALI@3ds.com | | | |
| Supervisors Observations/Remarks: | | | | |
| 1. <u>Task Assigned:</u> Project – IMDb Clone (Reviews) | | | | |
| 2. <u>Activities Performed:</u> | | | | |
| <ul style="list-style-type: none">• Design the database schema including tables for movies, users, reviews.• Implement backend using Java and integrating H2 database for data storage.• Develop UI using HTML, CSS, and JavaScript, with features for browsing movies and submitting reviews.• Set up API endpoints for CRUD operations on movies, reviews and test them using Postman.• Integrate frontend and backend, ensuring seamless communication between the two layers. | | | | |
| 3. <u>Key Learnings:</u> | | | | |
| Completing the IMDb review clone project teaches database design, Java backend, and HTML/CSS/JS frontend. Integration of frontend and backend layers enhances understanding of application architecture, while optional features like user authentication provide additional learning opportunities in full-stack development. | | | | |
| 4. <u>Additional Remarks:</u> Completing an end-to-end project This experience offers valuable insights into the entire development process, guiding you towards more sophisticated projects in the future. | | | | |

Dated Signature of Industry Mentor/ Supervisor

Seal of Company