**INTERNSHIP WEEKLY PROGRESS REPORT**

**Program Name: < MCA- Science Sem IV> Batch 2022-24**

**2024-25**

**PRN: 1132230589**

**Name of the Student: Mayur Babaso Mali Class: SYMCA- SCIENCE SEM IV**

**Weekly Progress Report No.-: 01 Date: 03/02/2025**

|  |  |
| --- | --- |
| **Report Start Date (DD/MMM/YYYY)**  **03-02-2025** | **Report End Date (DD/MMM/YYYY)**  **07-02-2025** |
| **Key Tasks Performed in Report Period** *(Task – Approximate Duration)***:**   * Introduction to Linux & Basic Commands (4 hours) * File System, Permissions, and Package Management (2 hours) * Shell Scripting Basics (6 hours) * Version Control Basics with Git & GitHub (4 hours) * Cloning, Branching, Merging, and Collaboration (4 hours) * Installing JDK, IDE (IntelliJ/Eclipse), and Maven (6 hours) * Setting Up MySQL & Postman for API Testing (4 hours) | |
| **Key Learnings** *(Learnings may include knowhow about corporate processes, new technical skills, enhancement of existing skills, business processes, customer orientation, team working essentials, managing project situations, etc.)*   * Understood the fundamental commands of Linux and how to navigate the file system efficiently. * Gained hands-on experience in managing file permissions and installing packages. * Learned basic shell scripting to automate tasks in Linux. * Understood the importance of version control in software development and collaborated using Git & GitHub. * Installed and configured essential development tools, setting up a smooth environment for Java Full Stack Development. | |
| **Key Challenges and how you resolved them** *(if any)***:**   * **Challenge**: Faced issues while setting up MySQL due to incorrect configuration settings.   **Resolution**: Referred to official documentation and used command-line troubleshooting commands to fix the database setup.   * **Challenge**: Initial difficulty in understanding Git branching and merging.   **Resolution**: Practiced with sample repositories, creating and merging branches multiple times until the concept was clear. | |
| **Plan for the next Reporting Period:**   * Start learning HTML, CSS, and JavaScript. * Implement basic styling and dynamic interactivity using JavaScript. * Learn how to fetch and display data from backend APIs. | |
| **Cumulative Progress till date** *(% of total Work, if quantifiable)***:**   * 12.5% of total training completed (1 out of 8 weeks). | |

**Name & Signature of Student: Mayur Mali**