**Internship Weekly Technical Summary**

**On boarding and orientation**

**May 19th and 20th**

**Learning & Training Phase**

**May 21– June 2**

Attended company-led technical training sessions covering:

* **Generative AI Fundamentals**
* **Prompt Engineering Basics**
* **Cybersecurity Essentials**
* **Robotic Process Automation (RPA)**

Participated in multiple hands-on activities and demos.

Assigned to the **Java Domain Track**:  
Attended **4 days of Java sessions**.

**Project Phase: *Student Course Registration System***

**Weekly Work Summary (June 10 – June 25)**

**June 10 – June 13**

* Studied and learned the basic concepts of setting up a project locally using Quarkus.
* Understood how REST APIs work and how to create endpoints using Java.
* Explored folder structures and Quarkus configuration setup.

**June 16 – June 20**

* Worked on the backend architecture of the project.
* Created necessary MySQL tables (users, student, course, registration, course\_audit).
* Learned Angular fundamentals (components, routing, form handling) through online resources.
* Started implementing the frontend and developed a simple user interface using Angular.
* Completed major HTML structure and added basic CSS styling.

**June 23 – June 26**

* Completed the full-stack integration (Angular + Quarkus + MySQL).
* Finalized and tested all major flows: signup, login, student registration, course selection, and confirmation.
* Prepared and completed the Software Design Document (SDD).

**Name: *Khyyati Vegiraju*  
Internship Duration: 19th May – 11th July 2025  
Project: Student Course Registration System**