

UGANDA TECHNOLOGY AND MANAGEMENT UNIVERSITY

WEEKLY JOURNAL REPORT

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SEP23/BSC/3567U/F

BACHELOR OF SCIENCE COMPUTER SCIENCE

WEEK 1: 30th/JUNE/2025 – 05/07/2025

1.	What have been your success/ accomplishments?	<ul style="list-style-type: none">• Successfully completed orientation and understood the internship structure and expectations.• Installed essential tools such as Visual studio code, Git, Node.js, and extensions like Live server.• Built a basic HTML “About Me” webpage using proper tags and structure.• Practiced markdown and created a professional README.md.• Understood Agile methodology
2.	What have been the challenges, fears	<ul style="list-style-type: none">• Initial nervousness about handling many new technologies in a short time.• Some difficulties during software installations due to internet issues.• Confusion with Git commands and connecting local to remote GitHub repository.
3.	What are the relationships between your internship and your previous job training?	<ul style="list-style-type: none">• Internship reinforces previous theoretical classroom training with real-world, hands-on application.• Prior knowledge of basic HTML helped understand web structure more quickly.• This internship adds depth to Git/GitHub usage, which was just hinted on in class.• The practical Agile approach bridges the gap between theory and how modern teams actually work.

4.	What could be the difference between what you have observed in the field and what you learned in class?	<ul style="list-style-type: none"> • In class, emphasis was more on theory; here, the focus is on doing and experimenting. • Class projects less structured, while internship activities organized using Agile. • In the field, code is managed professionally using version control and GitHub, unlike the local only file management in school.
5.	What could be the experience you have gained so far from being part of the organization/community?	<ul style="list-style-type: none"> • Learned the value of teamwork, collaboration, and peer accountability. • Gained exposure to real software development tools and workflows used by professionals. • Became part of a tech-driven culture focused on innovation and continuous improvement. • Experienced a blended learning format (physical and online) requiring time management and discipline
6	List activities done for the week	<ul style="list-style-type: none"> • Monday Orientation to internship program • Tuesday and Installed development tools (VS code, Node.js, Git, extensions) and learning of how agile methodology works Wednesday • Thursday Git and GitHub orientation • Friday and HTML5 basics – Created “About Me” Saturday webpage

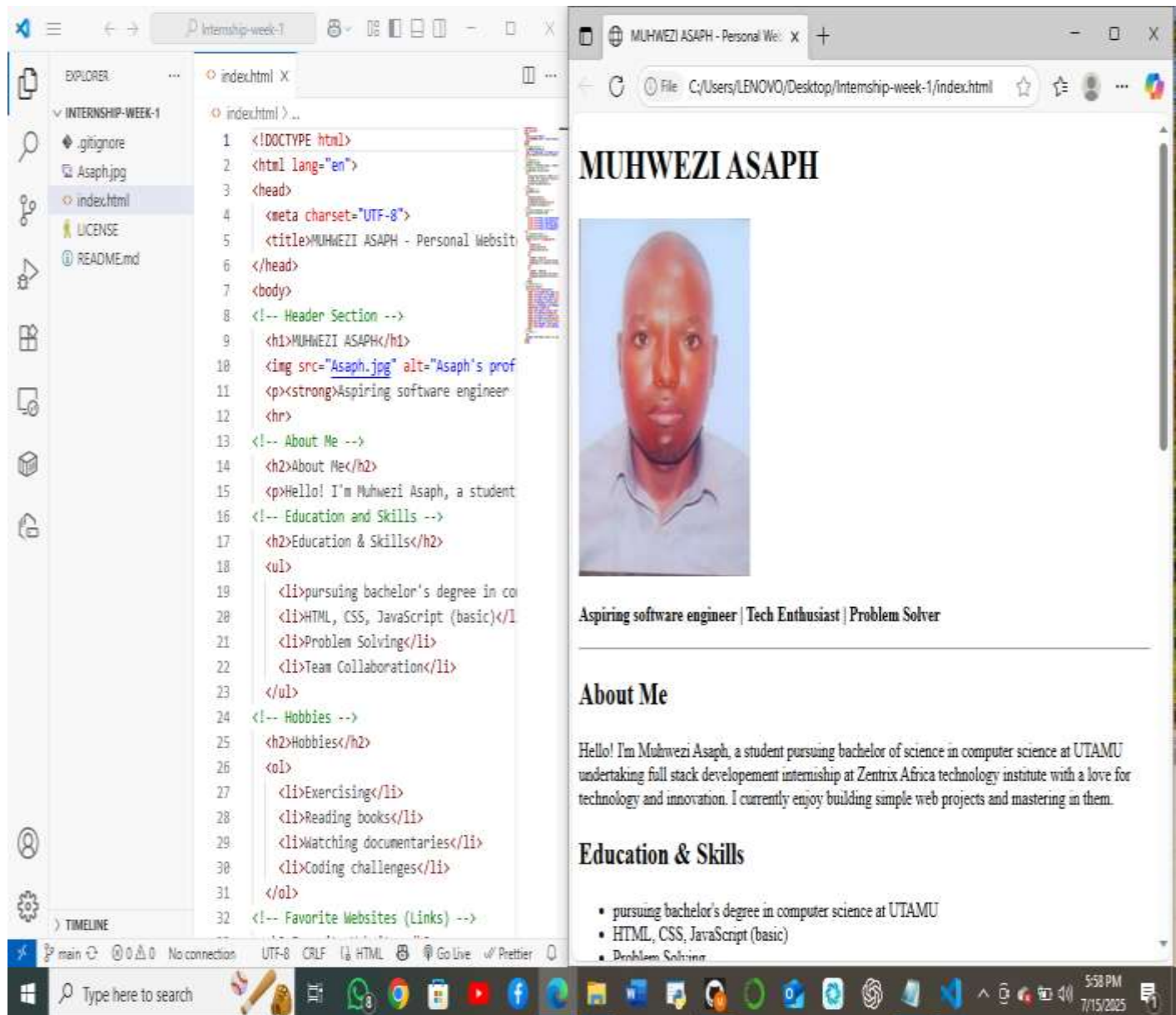


Figure 1 shows screenshot of created "about me" webpage

DAILY RECORD OF PROGRESS

Week 1 internship at Zentrix Africa Technologies institute

Internship Duration: 30 June 2025 – 18th August 2025

Week covered: Week 1 (30th June – 06th July 2025)

Location: National ICT Innovation Hub, Nakawa (Physical) and Online

DAY BY DAY DETAILED BREAKDOWN

Day 1 – Monday, 30th June 2025 (Physical)

Activity: Internship orientation and program overview

Key concepts covered:

- Overview of Zentrix Africa Technologies institute and its work in tech innovation.
- Structure and objectives of the internship
- Internship deliverables: Weekly reports, attendance, final project.
- Weekly schedule: Mon/Wed/Fri (Physical), Tue/Thu/Sat (Online)
- Expected technologies: HTML, CSS, JS, React, Node.js, Express, MongoDB, Git, GitHub

Lessons learned:

- Understood the structure and expectations of the internship.
- Learned about the technology to use and what will be covered in 8 weeks.

Challenges faced:

- Getting familiar with the internship workflow and expectations.

Recommendations:

- Provide a printed or digital orientation guide for interns.
- Have a questions and answer session to clarify doubts after orientation.

I declare that all the information provided is true



Signed by trainee

30/06/2025

Date



Date

Figure 2 shows screenshot of record of progress day 1

Day 2 and 3 – Tuesday, 01st July 2025 (online) and Wednesday ,02nd/July 2025(physical)

Activity: Tools installation and development environment setup

Key concepts covered:

- Installation of visual studio code (code editor)
- Installation of Node.js and npm
- Installed Git
- Verification of installations using terminal command
- What Agile is and how it works (sprints, daily stand-ups)

Lessons learned:

- Learned to install developer tools and configure environments.
- Understood the purpose of each tool in web development.
- Gained confidence using the terminal for checking installations.
- Understood Agile methodology in team projects.
- Learned to organize work in sprints and tasks.

Challenges faced:

- Slow internet affecting downloads.

Recommendations:

- Provide offline installers on flash drives for those with poor connectivity.

I declare that all the information provided is true


Signed by trainee

02/07/2025
Date

Signed by field super



Figure 3 shows screenshot of record of progress day 2&3

Day 4 – Thursday, 03rd July 2025 (online)

Activity: Introduction to Git and GitHub for version control

Key concepts covered:

- Version control using Git
- Creating GitHub accounts
- Connecting local repo to GitHub
- Uploading (pushing) code to GitHub

Lessons learned:

- Learned how to track code changes using Git.
- Practiced pushing code to GitHub and writing commit messages.
- Understood basic Git commands: init, add, commit, push.

Challenges faced:

- Errors during git push.

Recommendations:

- Repeat GitHub practice at least twice during internship.
- Use of GitHub desktop where command line becomes a challenge.


Day 5 and 6 – Friday, 4th/July 2025 (physical) and Saturday, 5th/July 2025(online)

Activity: Introduction to HTML5

Concepts covered:

- HTML Structure: <!DOCTYPE html>, <html>, <head>, <body>
- Tags: Headings (<h1>–<h6>), Paragraphs (<p>), Lists, Links, Images
- Forms: <form>, <input>, <label>, <textarea>, <button>
- Tables: <table>, <tr>, <td>, <th>
- Hands-On Tasks: Created "About Me" HTML page using VS Code

I declare that all the information provided is true


Signed by trainee

05/07/2025
Date

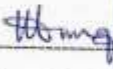

Signed by field supervisor



Figure 4 shows screenshot of record of progress day 4,5&6

Student Signature: 

Field supervisor name: TURKOWWE BENTAMBA

Field supervisor signature: 

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Figure 5 Figure 2 shows screenshot of final page of weekly report with the signature and name of the field supervisor

Below is the link to the repository of internship week 1

<https://github.com/muhweziasaph/Internship-week-1.git>