

Names:TUYISHIMIRE Innocent
22rp05975
STREAM B

1.Learning Agreement

Internship at TechCorp Solutions

Intern Name: TUYISHIMIRE Innocent
Internship Duration: 9/9/2024 - 25/20/24
Department:ICT
Supervisor: Stella

Learning Objectives:

Understand Networking Fundamentals:

1. Gain practical experience in configuring and managing network devices.
2. Learn about network protocols, security measures, and troubleshooting techniques.

Develop Software Skills:

1. Work on real-world software development projects using relevant programming languages and tools.
2. Understand software development lifecycle and methodologies.

Project Management and Team Collaboration:

1. Participate in project planning and execution.
2. Collaborate with team members to meet project goals and deadlines.

Expected Contributions:

Network Extension Project:

1. Assist in extending the network infrastructure to accommodate new office space.
2. Configure and test network devices (routers, switches, etc.) and ensure seamless connectivity.

Software Development Tasks:

1. Contribute to ongoing software development projects by writing and testing code.
2. Participate in code reviews and provide feedback.

Documentation and Reporting:

1. Prepare and maintain documentation for network configurations and software development processes.
2. Report progress and challenges to the supervisor.

Assessment Methods:

Performance Reviews:

1. Regular meetings with the supervisor to discuss progress, challenges, and achievements.
2. Feedback on completed tasks and projects.

Project Deliverables:

1. Evaluation based on the quality and timeliness of contributions to network and software projects.

Skill Development:

1. Assessment of learning progress in networking and software development skills.

2.CURRICULUM VITAE

I.PERSONAL IDENTIFICATION.

First Name : TUYISHIMIRE

Second Name :Innocent

Father Names: John TUGANISHURI

Mather names: xaverine

NYIRABAKIGA

Sex: Male

Date of birth: 30/09/2002

Place of birth:

South Province

KAMONYI District

Mugina Sector

Place of residence

PROVINCE: South

DISTRICT:Kamonyi

SECTOR:Mugina

CELL: kabugondo

CONTACT ADDRESS

Phone number: **+250791475619**

Email:**tuyishimireinnocent2002@gmail.com**

II.EDUCATION BACKGROUND.

PERIOD	SCHOOLS ATTENDED	LEVEL OF EDUCATION	QUALIFICATION
2022- now	IPRC KIGALI	A1	IT

2019-2021	APEKI TUMBA TVET SCHOOL	A₂	SOFTWARE DEVELOPMENT
2016-2018	G.sikiwuni	Certificate	Promotion
2008 -2015	G.S des Parents	Certificate	Promotion

III. ADDITIONAL ABILITIES

- . Computer and leadership skills
- . Listening skills
- . Decision making and problem solving skills
- . Administration and Monitoring skills
- . Time management skills
- . project planning skills

IV. LANGUAGE SKILLS.

LANGUAG E	SPEAK ING	READ ING	WRIT ING
KINYARW ANDA	Mother tongue	Excele nt	Excele nt
ENGLISH	Very Good	Very Good	Very Good

Other skills: Evaluation skills, Using MS office, contract administration skills, Driving skills, Banner and logo designing skills

VI. EXPERIENCE

2019 I did industry attachment in Yeyo TECHNOLOGY COMPANY

2022 I was IT SUPPORTER AT Mugina sector

V. REFEREES:

1. E/S MUHIRE JEAN CLOUDE
2. NSHIMIYIMANA JEAN Damascene +250788883532

I certify that the information provided fairly and accurately.

3. Short Progress Report

Progress Report

Date: [Current Date]

Intern Name: TUYISHIMIRE Innocent

Internship at TechCorp Solutions

Department: Networking

Subject: Network Extension for New Office

Issue: During the extension of the network to accommodate new office space for newly recruited staff members, several connectivity issues were encountered. The primary issues included intermittent connectivity, slow network speeds, and configuration errors on newly installed network devices.

Troubleshooting Steps:

1.

Initial Assessment:

2.

1. Checked physical connections (cables, switches) to ensure they were securely connected.
2. Verified the configuration settings of routers and switches to confirm they matched the network design.

3.

Network Device Configuration:

4.

1. Reviewed and updated IP address configurations to prevent conflicts.
2. Rebooted network devices to refresh settings and resolve potential glitches.
- 3.
- 4.
- 5.

Testing:

- 6.
1. Performed network speed tests and ping tests to identify latency and packet loss.
2. Used network analysis tools to monitor traffic and identify any bottlenecks.
- 3.
- 7.

Consultation:

- 8.
1. Consulted with senior network engineers to review configuration settings and troubleshooting steps.
2. Sought advice on advanced troubleshooting techniques for persistent issues.

Solutions Explored:

- 1.

Reconfigured Network Devices:

- 2.
1. Adjusted settings based on expert recommendations and retested connectivity.
2. Implemented network optimization techniques to improve speed and reliability.
- 3.

Addressed Hardware Issues:

- 4.
1. Replaced faulty network cables and hardware components that were causing connectivity problems.
- 2.
- 5.

Documentation and Feedback:

6.

1. Documented all changes made to configurations and network setups.
2. Provided feedback on issues encountered and solutions applied to the supervisor for further review.

Next Steps:

1.

Monitor Network Performance:

1. Continue monitoring network performance to ensure stability and address any emerging issues.
2. Gather feedback from users in the new office to ensure their connectivity needs are met.

Final Review:

1. Schedule a final review with the network team to confirm that all issues have been resolved and the network extension is complete.