Patrick NDUNGUTSE

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SUMMARY

The person is enthusiastic, brave, and hardworking, looking to pursue a career in Information Technology within a fast and growing company. I have previous experience, including five months as a business analyst on a government service digitization project, seven months as a business analyst intern at BPR Bank Rwanda, a practicum project working on a data science project, and consulting business analyst at Irembo that I am doing now. I believe this experience will help me excel in my future tasks. I aim to gain practical experience and enhance my decision-making skills through this job opportunity.

EDUCATION

Carnegie Mellon University Africa (MSIT)

Kigali, Rwanda

- Master's Degree (Software engineering and Applied Machine Learning)   August 2022-May 2024

Adventist University of Central Africa (

Networking and Communication Systems)
Kigali, Rwanda   July 2017- November 2021

- Bachelor's Degree

EXPERIENCE

Consulting Business Analyst   September - Present, 2023

Irembo

- Doing service requirement gathering from different government institutions about manual services that they offer to the citizens.
- Implement service requirement documentation for all gathered service information.
- Validate service documentation with Irembo
- Work with Irembo designers to make mockups of gathered services.
- Work with Irembo developers to make the services requirement gathered are deployed by meeting time frame allocated to this project.

Consulting Business Analyst   May-September, 2023

GIZ, RISA, MINICT and Irembo
- Doing service requirement gathering from different ministries about manual services that they offer to the citizens.
- Implement service requirement documentation for all gathered service information.
- Validate service documentation with different stakeholders of the project (RISA, MINICT and Irembo)

Practicum Project (Project Lead)   August-Present, 2023

Carnegie Mellon University Africa (CMU-Africa)
- The goal of this project is to identify loan optimal parameters that maximize loan repayment rates, ultimately reducing the risk of defaults as the company is experiencing a declining trend in the repayment rate of its motorcycle loans by leveraging data science and machine learning techniques.

Graduate Teaching Assistant   August-Present, 2023

Carnegie Mellon University Africa (CMU-Africa)
- Got an opportunity to be a Graduate Teaching Assistant in the course called Strategic Use of Digital Information in Enterprises in fall semester of 2023.

Graduate Trainee   February-July, 2022

BPR Bank Rwanda
- Provided IT support to everyone who needed help in whole organization.
- Project Development Team Member for system migration.
- Provide IT support on 5 internal systems used in the organisation.

PROJECTS

Project name: Mass Services Digitization (MSD)

Project link: No link

Project description: The Government of Rwanda is undertaking a strategic project to digitize all services and achieve 100% as per NST-1 targets. In light of this, a mass service digitization program has been incepted in bid to realize this goal. From the service inventory conducted in collaboration with all Government entities, over 660 services were identified as manual and 532 as semi-digitized.

SKILLS

Languages, Frameworks and Software

- Proficient in: Python, Firebase, Django (Django Rest Framework, Object Relational Mapper (ORM)), React JS, React native, Kotlin with compose, SQL, PostgreSQL, Apache Cassandra and Plotly Dash.
- Familia with: JavaScript, PHP, Java, Spring boot.

Software management tools

- **Notion**: a tool that really help in documentation mainly in software development context
- **Miro**: A tool for better collaboration in brainstorming to work on customer discovery. process visualization and strategy mapping.
- **JIRA**: A project management tool for tracking bugs, issues, and tasks in software development projects.
- **GitHub**: A web-based hosting service for Git repositories with features for code review, bug tracking, and project management.
- **Trello**: A visual project management tool for organizing and managing tasks.

RELEVANT COURSES

- System Architecture and Design
- Software Engineering
- Advanced Database
- Strategic Use of Digital Information in Enterprises

CERTIFICATIONS

- Scrum Master Certified
- Completion 6 months of 250 Start-ups internship with Certificate
- Attended 4 weeks of Trainings of IT Auditing with Certificate
- Plotly Dash Certificate from Udemy Online Learning