

# Daniel Ishimwe — IT Specialist & Cybersecurity Enthusiast

Bruxelles, Belgium

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## Profile

Results-driven IT Specialist and Cybersecurity Enthusiast with hands-on experience in system engineering, software development, and database administration. Skilled in C, C++, Python, Java, PHP, JavaScript, HTML/CSS, and proficient with MySQL, MariaDB, PostgreSQL, and MongoDB. Experienced in modern tools such as Git, Docker, Vagrant, and Ansible. Currently pursuing a Master in Cybersecurity at ULB, building on a BCA from Parul University. Active participant in cybersecurity competitions including Cybersecurity Challenge Belgium and SANS NetWars.

## Key Skills

**Programming:** C, C++, Python, Java, JavaScript, PHP, HTML, CSS

**Databases:** MySQL, MariaDB, PostgreSQL, MongoDB

**Tools:** Git, Docker, Vagrant, Ansible, PuTTY

**Systems:** IBM Power Systems, Linux (RHEL, Ubuntu,...), Windows Server

**Cloud/Virtualization:** IBM Hybrid Multicloud, VMware, VirtualBox

**Cybersecurity:** System hardening, secure configuration, vulnerability assessments, CTF participation

## Professional Experience

### KU Leuven – COSIC

*IT Specialist*

Leuven, Belgium

Nov 2023 – Present

- Designed and deployed custom software systems for internal and external departmental use.
- Configured, managed, and secured databases to ensure performance and availability.
- Provided technical support and troubleshooting for staff and researchers.
- Implemented system security measures, upgrades, and infrastructure improvements.
- Part of the team managing the secure online voting platform, ensuring correct configuration, voting operations, and tallying.

### Rwanda Revenue Authority

*IT Officer*

Kigali, Rwanda

Sept 2020 – Jan 2023

- Installed and configured the Electronic Billing Machine (EBM) software for tax collection.
- Managed and maintained databases, ensuring data accuracy and compliance.
- Conducted local audits and validated data integrity.
- Ensured systems reported data seamlessly into centralized databases.
- Provided customer support and resolved software/system issues.

### Mitra Systems

*System Engineer*

Blantyre, Malawi

Nov 2019 – June 2020

- Installed, configured, and maintained IBM Power Systems (Power7, POWER9) and Storwize/FlashSystem storage solutions.
- Performed system health checks, monitoring, and reporting.
- Supported system upgrades and preventive maintenance to ensure high availability.
- Designed and implemented storage and database configurations for scalability and reliability.
- Collaborated on SAP HANA deployments on IBM POWER platforms.

### A to Z Technology Systems

*Software Developer*

Kigali, Rwanda

Dec 2014 – June 2016

- Developed and maintained software applications in multiple programming languages.
- Automated repetitive tasks using scripts to reduce manual workload.

## Education

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<b>Université Libre de Bruxelles</b>	<b>Belgium</b>
<i>Master of Cybersecurity</i>	<i>Current</i>
<b>Parul University</b>	<b>India</b>
<i>Bachelor of Computer Application (First Class with Distinction)</i>	<i>2019</i>
<b>Groupe Scolaire de La Salle</b>	<b>Rwanda</b>
<i>High School Diploma (Distinction)</i>	<i>2014</i>

## Certifications & Badges

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<b>Core Technical &amp; Security</b>	.....
CompTIA CASP – Cybrary, Feb 2018	
Cisco CCNA – Cybrary, Feb 2018	
Linux System Administration (LX03G) – Global Knowledge, Dec 2019	
IBM FlashSystem V9000 Storage Implementation (SSFS3G) – Global Knowledge, Dec 2019	
Intro to Malware Analysis and Reverse Engineering – Cybrary, Feb 2018	
<b>IBM Warranty Service Program (System Servicing)</b>	.....
Servicing IBM POWER7, POWER8, Power System S812LC & S822LC	
Servicing IBM FlashSystem V9000 & FlashSystem 900	
Servicing IBM Storwize V3500, V3700, V5000, V7000	
Servicing IBM System Storage DS3000 Family	
Servicing IBM Tape Library TS3500	
<b>IBM Specialist Badges</b>	.....
IBM Power Systems POWER9 V2	
IBM Power Systems Cognitive Masters V2	
IBM Hybrid Multicloud on Power	
IBM Systems Business Partner SAP HANA on POWER9	
SAP HANA on Power Systems	
All Flash Storage Foundations V2	
IBM POWER9 Business Partner Sales Foundations V1	
IBM Cloud Pak for Data (Essentials, Core, Data Steward, Data Governance)	
IBM Cloud Private – Foundation Technology	
Cloud Integration Sales Foundations	
Private Cloud Sales Foundation	
<b>Cybersecurity &amp; Awareness</b>	.....
Introduction to Cybersecurity Badge – Nov 2023	
Networking Basics Badge – Jan 2024	
Phished Silver and Bronze Certificates	

## Languages

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**English:** Fluent

**French:** C1

**Dutch:** B1

## Competitions

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Cybersecurity Challenge Belgium

SANS Institute Core NetWars Continuous Play