MUNYENTWARI Clement
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PROFILE/OBJECTIVE

Accomplished E-learning Manager, ICT Director and Lecturer with over 9 years of experience in designing and managing comprehensive e-learning systems, leading digital transformation initiatives in educational institutions, and fostering innovation in teaching and learning. Expertise in managing LMS platforms developing online courses, and implementing secure online exams. Passionate about leveraging my technical and leadership skills to enhance academic programs and drive e-learning excellence.

EDUCATION

- **Carnegie Mellon University Africa**
  MSc – Information Technology

  Kigali, Rwanda
  2012 - 2014

- **National University of Rwanda**
  BSc – Computer Science and Systems

  Huye, Rwanda
  2007 - 2011

SKILLS SUMMARY

- **Languages:** PHP, Python, Kotlin, C#, JavaScript, HTML5, CSS3, SQL.
- **Frameworks:** CodeIgniter, Django, Node.js, Bootstrap, MySQL
- **Others:** Blended Learning, E-learning systems, IT System integration, E-learning tools, Teaching and Learning, Agile, Software project management, IT innovation, Innovation management, Multimedia.

EXPERIENCE

- **INES – Ruhengeri**
  Assistant lecturer

  Musanze, Rwanda
  April 2015 - Present

  - Facilitating effective teaching and learning within the field of computer science.
  - Developing and delivering e-learning platform materials, conducting lectures, seminars, and tutorials with a focus on clarity and relevance to students, and updating course materials to reflect advancements in the field.
  - Provide comprehensive guidance and support to students, engage in research activities, supervise research projects, and collaborate with colleagues on interdisciplinary courses or research projects.
  - Developments in computer science through professional development activities, participating in departmental meetings and committees, and engaging in outreach activities to promote computer science education.
  - Prioritize and fostering a positive and inclusive learning environment that encourages critical thinking, creativity, and collaboration among students.

- **INES – Ruhengeri**
  Director of ICT

  Musanze, Rwanda
  April 2015 – January 2021

  - Developing and executing an overarching ICT strategy in alignment with the institution's objectives.
  - Overseeing the management and maintenance of IT infrastructure, including networks, servers, and databases.
  - Leading the development of policies and procedures for information security and data protection.
  - Manage the budget and resources of the ICT department, ensuring their optimal utilization and alignment with strategic goals.
  - Providing leadership to the ICT team, foster a culture of innovation, collaboration, and continuous improvement.
  - Stay abreast of emerging technologies and trends in ICT, evaluating their potential adoption or integration into existing systems.

- Administer and maintain e-learning systems.
- Develop and execute ICT strategies aligned with institutional objectives.
- Lead the implementation of secure online exam processes and e-learning resource management.

- **INES – Ruhengeri**   Musanze, Rwanda
  Head of Department of Computer Science   April 2015 – November 2020
  - Overseeing the development and implementation of curriculum in line with industry standards, leading faculty recruitment and development efforts, and fostering a culture of research excellence.
  - Collaborate with industry partners to create internship opportunities and facilitate technology transfer for students, manage departmental budgets, and seek external funding.
  - Cultivate interdisciplinary collaborations; stay updated on advancements in computer science education and technology.
  - Provide mentorship to students, and uphold accreditation standards.
  - Represent the department both internally and externally, promoting its reputation and achievements.

PROJECTS

- **E-learning (e-learning.ines.ac.rw):** A fully customized e-learning platform to deliver blended learning and teaching materials for INES - Ruhengeri students at home and/or on campus (INES-Ruhengeri).
- **E-campus (digitalcampus.ines.ac.rw):** A higher learning institution management information system which includes features ranging from student management, lecturer, courses, assets, human resources, library,...etc with a purpose of managing the campus in an effective and efficiency way, towards being digital/smart campus (INES-Ruhengeri).
- **InteractiveVideo Tutorials:** An MSIT practicum revolutionary e-learning platform developed using JavaScript/JQuery. We developed a new way of providing online instructions about programming topics (NextThought Interactive, USA).
- **Indigeneous knowledge hub application:** Developed using different data analysis and decision making algorithms and techniques (IBM Research Lab, Nairobi).

TRAININGS/CERTIFICATES

- Postgraduate Certificate in Learning and Teaching in Higher Education
- Accessing and Using Blended Learning Courses
- Education Management Information Systems
- CISCO CCNA

INTERESTS

- Effective use of IT in education using different applications and software technologies
- Local based social media content applications design and development
- Big data and analytics, ML, IOT and AI
- Monitoring and Evaluation using IT tools

REFERENCES

- Dr Samuel Sindayigaya | Deputy Vice Chancellor, Research and Academic | INES - Ruhengeri
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