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PROFESSIONAL PROFILE

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A highly motivated Computer Engineer with hands-on experience in **software development**, **machine learning**, and **web development**. Specializing in technologies like **Python**, **JavaScript**, **HTML**, **CSS**, **PHP**, and **AI**, I have a proven track record of developing and maintaining software, optimizing performance, and enhancing user experiences. My ability to communicate complex technical concepts clearly and collaborate effectively with teams makes me an ideal candidate for delivering high-quality software solutions. I am eager to contribute to Unicaf University's goals by leveraging my technical expertise and passion for continuous learning in software development.

WORK EXPERIENCE

Digital Trainer *TakenoLAB ICT Tech-Hub June 2023 - Present*

In my role as a Digital Trainer, I lead diverse technology training sessions, guiding students through both fundamental and advanced concepts across various programming fields.

My responsibilities include:

- Designed and delivered training on **web development** (HTML, CSS, JavaScript), **machine learning** (Python), and **Android app development**.
- Developed hands-on lessons that covered **software development** concepts, with a focus on **problem-solving** and real-world applications.
- Improved student engagement by implementing interactive projects and ensuring lessons aligned with current **industry tools** and **web technologies**.
- Created curricula that integrated **AI technologies**, bridging the gap between academic learning and industry practices.

AI Engineer Intern – Suru8.LLC (October 2024 - Present)

- Collaborated on developing **AI models** using **Python** and **machine learning** techniques, gaining practical experience in software development and model deployment.
- Assisted in optimizing and testing **software products** to ensure strong functionality and performance.
- Contributed to the development of scalable **AI solutions** that streamlined operations, improving system performance and usability.

School Bursar and Administrator *Godes Peak Academy* | January 2023 - May 2023

- Developed and maintained **administrative software systems**, enhancing data management processes.
- Led the implementation of technology solutions that supported the school's operational and educational objectives.

ICT intern at PSBM international (June 2021 – August 2021)

Key responsibilities

- Administered systems, troubleshoot and maintained software and hardware.
- Designed and developed software to meet business requirements.
- Installed, configured, and maintained network infrastructure for connectivity and security.
- Researched new technologies and recommended system improvements.

EDUCATION

- Bachelor of Science in Computer Engineering, University of Livingstonia (2018 - 2022)
- Malawi School Certificate of Education (MSCE), Chinsapo Secondary School (2018)
- Junior Certificate of Education (JCE), Chinsapo Secondary School (2016)

TECHNICAL SKILLS

- **Languages & Technologies:**
Python, JavaScript, HTML, CSS, PHP, React, Django, SQL, AI, Machine Learning, Deep Learning, Natural Language Processing (NLP).
- **Software & Tools:**
Git, SPSS, Microsoft Office Suite (Word, Excel, PowerPoint), Raspberry Pi, Arduino, WordPress, Moodle, Blackboard.
- **Web Development:**
Experience in building dynamic websites with **HTML, CSS, JavaScript, and PHP.**
- **Software Development:**
Proficient in developing and maintaining **software applications** with a focus on optimization and performance.
- **Database Management:**
Familiar with **SQL** and database management systems to design and update databases effectively.

ADDITIONAL SKILLS

- Strong attention to detail with an ability to manage multiple tasks effectively.

- Demonstrated ability to understand projects from both client and business perspectives.
- Excellent communication and problem-solving skills, particularly in software development environments.

REFEREES

<p>TakenoLab Operations Officer</p> <p>Miss Deborah Ntakirutimana</p> <p>Phone: +265 9972 45844</p> <p>Email:</p> <p>dedalpha2020@gmail.com</p>	<p>CEO of Suru8.LLC</p> <p>Patrick Byamasu</p> <p>City Center</p> <p>Plot 151, Area 14, Lilongwe 3</p> <p>ptrckbyamasu@gmail.com</p> <p>+265 996 668 149</p>	<p>MR Chithendo</p> <p>The Director</p> <p>Godes Peak Academy</p> <p>Private Bag</p> <p>Lilongwe 3</p> <p>Malawi</p> <p>+265 881 711 629</p>
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