EMMANUEL ABBA

Digital Learning Consultant

Experienced digital learning specialist with 10 years of demonstrated history supporting learners and instructors to navigate digital learning solutions such as Moodle and Learn Press to achieve their goals.

Employment History

Freelance e-learning Consultant,
Common Sense eLearning & Training Consultants   Apr 2022 – Present

- Facilitation of content and assessment creation using Moodle H5P and book features.
- Collaborate with external and internal stakeholders on Moodle LMS development.
- Serve as subject matter expert on current and upcoming LMS capabilities.
- Publish content and set up criteria for auto certification on course completion.
- Troubleshoot and communicate the resolution of issues reported by course administrators.
- Collaborate with subject matter experts to create interactive learning content using Adapt, Articulate Storyline, and Rise.
- Support users, administrators, and instructors in the proper use, creation, and set up of courses on LMS.

Senior Digital Learning Specialist,
Tek Experts NG   Feb 2020 – Mar 2022

- Publish content, configure completion criteria, and pass grades on Moodle LMS.
- Ensure data is consistent across all curriculums, sessions, session emails, prerequisites, assignments, user profiles, etc. using custom reports.
- Resolve issues relating to user course module completion and certification.
- Manage ongoing communications to users about system maintenance and deadlines.
- Create learning aid documents, screencasts, and videos for instructors and learners on effective navigation of the LMS.
- Provide timely and efficient troubleshooting assistance to end users by investigating all questions/issues related to technologies and taking appropriate action for resolution.
- Support users, administrators, and instructors in the proper use, creation, and set up of courses and completion criteria.

Product Manager / Lead Developer (Part-time contract**),**
SEDIN SMESabi & SABIMoni Project   Jul 2018 – Dec 2019

- Customized Moodle LMS to reflect the brand identity and integrate desired feature requirements.
- Developed Moodle mobile app for offline and mobile learning.
- Moodle LMS troubleshooting, updates, and patch integrating.
- Piloted the SMESabi platform with Nigerian youth service corps members and provided learner support.
- Resolve issues relating to user completion and certification.

- Improved user experience by over 75% by reducing the number of clicks required to access learning resources. Learner surveys and a decrease in the number of support requests by learners regarding finding learning resources on the LMS were used to measure the impact of the user experience modifications.
- Facilitated digital literacy skills training for instructors to prepare them for digital course delivery.
- Create learning aid documents, screencasts, and videos for instructors and learners on effective navigation of the LMS.

System Analyst,
Federal Uni. of Technology, Minna   Aug 2015 – Dec 2019

- Automated student registration at CODeL FUTMinna.
- Deployed and customized Moodle LMS to support teaching and learning.
- Provide technical support to staff and students on the LMS.
- Facilitate in-person and virtual training for educators and instructors on how to set up courses, assessments, and grading.

Education

Master of Technology, (Cyber Security Science)
Federal Uni. of Technology, Minna   Jan 2016 – Jun 2018

- Identified 6 new Call Detailed Records (CDR) artifacts.
- Developed process model for investigating incidents across multiple mobile networks.
- Optimized threat modeling for electronic health systems.
- Best presenter, Cyber security Track ICTA 2016.
- Nigerian Communications Commission (NCC) research grant winner.

Bachelor of Technology, (Computer Science)
Federal Uni. of Technology, Minna   Dec 2008 – May 2014

- Deployed #1 ranking repository in Nigeria (webometrics 2013)
- Participated in the digitization and publishing of over 4000 theses and dissertations.
- Designed, developed, and deployed University staff evaluation and promotion MIS.

Licenses and Certifications

- Certified Moodle Admin
- Certified eLearning instructional designer
- Certified Software Project Management Professional
- HCIA – Routing and Switching

Skillset / Toolset

- Moodle LMS customization.
- We design using HTML5, CSS & Bootstrap4, PHP and Laravel
- Content development using articulate rise & storyline, Adapt learning, Vyond and iSpring

Project Experience

- Development and deployment of SANEF Moodle LMS
- GOPA NESP Nigeria - WBT production, co-creation & capacity development of eLearning modules
- Development of Videos WBT for TVET online training courses.
- Production of storyboards and web-based training with Storyline 360 for UNIDO eLearning Training Program/Eritrea
- Support in the creation of Adapt content for a leadership course on behalf of the GIZ.
- Atingi Covid-Course Translation and H5P Tutorials.
- Development and deployment of SMESABI e-learning Moodle platform.
- Development and deployment of SABIMONi e-learning Moodle platform

Publications

- Salau, S.A., Abifarin, F.P., **Abba, E**. & Oyedum, G.U. (2021). Development of a Search Webware for Electronic Theses and Dissertations in Stand-Alone Institutional Repositories in Nigeria. African Journal of Management Information System. 3(1).

- Alhassan J.K., **Abba E**., Misra S., Ahuja R., Damasevicius R., Maskeliunas R. (2020) A Framework for Cyber Ethics and Professional Responsibility in Computing. In: Sengodan T., Murugappan M., Misra S. (eds) Advances in Electrical and Computer Technologies. Lecture Notes in Electrical Engineering, vol 672. Springer, Singapore. https://doi.org/10.1007/978-981-15-5558-9_28

- **Abba, E.**, A.M. Aibinu, J.K. Alhassan, Development of multiple mobile networks call detailed records and its forensic analysis, Digital Communications, and Networks, Volume 5, Issue 4, 2019, Pages 256-265, ISSN 2352-8648, https://doi.org/10.1016/j.dcan.2019.10.005

- Alhassan, J. K., **Abba, E**., Olaniyi, O. M., & Waziri, V. O. (2016). Threat modeling of electronic health systems and mitigating countermeasures. International Conference on Information and Communication Technology and Its Applications (ICTA 2016), Federal University of Technology, Minna, Nigeria.

Competences

- Excellent written and verbal communication skills.
- Learning Management System development, administration, management, and troubleshooting.
- Proven ability to continually adapt and learn new procedures and software programs.
- Extremely detail-oriented
- Ability to create and maintain processes and structure.
- Ability to recognize problems and proffer solutions.
- Ability to manage priorities to meet deadlines in a fast-paced environment.
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- Agile software development methodologies.

Volunteer Work

- Speaker, e-Learning Africa 2023, Dakar.
- Speaker, e-Learning Africa 2019, Abidjan.
- Speaker, For-Loop Enugu.
- Speaker, Minna Tech Meetup Speaker.
- Technovation challenge Judge.
- Organizer and Coach, Django girls Minna, Kaduna, Abuja, Benin, Port Harcourt, Benue.
- Organizer, Google Hash code