ELISSA MUNANIRA

Computer and Software Engineer

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EDUCATION

Bachelor of Computer and Software Engineering
University of Rwanda
2019 - 2024

CMU Africa Bridge program
Jan 2024- May 2024

FABLAB TechUpSkills Cohot 3
Oct 2023- Feb 2024

EXPERTISE

Programming skills :
- HTML, CSS & JS
- Bootstrap
- wordpress
- PhP
- C & C++
- MongoBD
- API Integration
- Embedded system programming and IoT.

Designing skills :
- FIGMA And Photoshop.
- Computer-assisted engineering and design software. (Proteus, Thinker cad, SolidWorks, CorelDRAW and Creality)

ICT skills:
- Strong in Microsoft Office (Excel, Publisher, Word and PowerPoint).
- Provide training on how to use computer (PC) in every manner
- Troubleshooting the different software issues.
- Using different Operating systems (Windows, Linux).
- Software Installation.

PROJECTS
- Internet of Things-Based Early Warning System for Vermicomposting Technology
- CSE Archiving system
- RASA Website
- cepurnyarugenge web-based database

LANGUAGE
- English
- Kinyarwanda

AREAS OF EXPERTISE

A computer and software engineer with 3+ years of experience, passionate about serving God. Specialized in IT technical support with Google Workspace and Microsoft services, as well as in planning and software development using powerful technologies including Laravel and Node.js with Express for the backend, React with Bootstrap for the frontend, React Native for mobile, and MySQL for database management.

WORK EXPERIENCE

INA Hub
March 2023- Present
Full stack Developer
- Develop and maintain web applications using different technologies
- Design and manage databases for efficient data storage and retrieval.
- Coordinate with cross-functional teams and lead project meetings.
- Maintain code quality through reviews, testing, and mentoring junior developers.
- Manage project timelines, deliverables, and team performance, recommending improvements and innovations.

Rwanda ICT Chamber
March 2024- May 2024
Mobile Developer
- Developed cross-platform mobile apps using React Native
- Collaborated with UI/UX designers for intuitive interfaces and tested functionality using Jest and Expo.
- Integrated third-party APIs, collaborated on backend integrations.

Silver Rwanda IT Professionals
July 2022 - May 2023
Software Developer
- Developed web applications using PHP Laravel framework with MySQL database
- Debugged system errors, ensuring resolution and system stability
- Conducted testing, deployment, and maintenance of applications
- Ensured issues were addressed before system deployment on a server for end-user access
- Collaborated and communicated effectively with the team for smooth and efficient project execution

GS KINTEKO
2019 - 2021
Teacher
- Developed and delivered engaging lesson plans
- Assessed student performance and fostered a positive learning environment
- Led student activities and mentored academic and personal development
- Collaborated with colleagues to enhance school programs

REFERENCES

Mr George Ndahiro
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Silver Rwanda IT Professionals
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University of Rwanda/ Lecturer
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