	TITLE:	Web Developer	POSITION #:	SN22-NR-009
	LOCATION:	Dakar, Senegal	DURATION:	1 year renewable

ABOUT AKADEMIYA2063

AKADEMIYA2063 is an Africa-based non-profit research organization with headquarters in Kigali, Rwanda and a regional office in Dakar, Senegal. Inspired by the ambitions of Agenda 2063 and grounded in the recognition of the central importance of strong knowledge and evidence systems, the vision of AKADEMIYA2063 is an Africa with the expertise we need for the Africa we want. This expertise must be responsive to the continent's needs for data and analysis to ensure high-quality policy design and execution. Inclusive, evidence-informed policymaking is key to meeting the continent's development aspirations, creating wealth, and changing livelihoods for the better. AKADEMIYA2063's overall mission is to create, across Africa and led from its headquarters in Rwanda, state-of-the-art technical capacities to support the efforts by the Member States of the African Union to achieve the key goals of the African Union's Agenda 2063 of transforming national economies to boost growth and prosperity.

Following from its vision and mission, the main goal of AKADEMIYA2063 is to help meet Africa's needs at the continental, regional and national levels in terms of data, analytics, and mutual learning for the effective implementation of Agenda 2063 and the realization of its outcomes by a critical mass of countries. AKADEMIYA2063 strives to meet its goals through programs organized under five strategic areas—policy innovation, knowledge systems, capacity creation and deployment, operational support and data management, digital products, and technology—as well as partnerships and outreach activities. For more information, visit www.akademiya2063.org.

POSITION SUMMARY

Through its department of Data Management, Digital Products, and Technology, AKADEMIYA2063 is looking for a Web Developer. The selected candidate will report to the Director of Data Management, Digital Products, and Technology and the position is based in Dakar, Senegal.

The candidate must have proven experience of designing and developing websites, digital platforms, and data portals. An extensive knowledge of relational databases is also required. She/he must show a strong capacity in working autonomously and dealing with several priorities in a fast-paced environment. She/he must have strong interpersonal and communication skills and the capacity to collaborate with the staff at different levels of the organization and with external partners. She/he must have a strong capacity of self-motivation, must be exceptionally resourceful, detail-oriented, and have high organizational planning and reporting skills.

DUTIES & RESPONSIBILITIES

The Web Developer duties and responsibilities include but are not limited to:
- Create and maintain responsive websites using web development best practices

- Collaborate with colleagues and other stakeholders to gather and refine specifications and requirements
- Ensure high-performance and availability of AKADEMIYA2063 websites and digital platforms
- Gradually lead the development and maintenance of the ReSAKSS Country e-Atlases
- Develop protocols, policies, and capacities in terms of data processing, storage, and distribution from AKADEMIYA2063 databases to researchers and partners in countries
- Collaborate with team members to improve and add features on the Fast-Mapping Tool as a primary web mapping facility for countries and partners
- Integrate data from various back-end services and databases
- Keep up with the latest research and trends in Web applications and programming practices
- Develop AKADEMIYA2063 web and mobile friendly data gathering tool
- Create and maintain documentation for all web applications
- Design, implement, optimize, and deploy web applications that solve business needs
- Support the development and integration of new technological tools in our platforms

QUALIFICATIONS & EXPERIENCE

- Master's degree in Computer Science or Software Engineering, or any related field
- Minimum 5 years' experience in web programming

SKILLS/KNOWLEDGE/EXPERIENCE/ABILITIES

- Strong experience in building responsive websites using Drupal CMS, HTML5, CSS3, JavaScript, JSON, PHP, and SQL
- Strong experience in developing web solutions with Drupal
- Hands-on experience with modern UI frameworks (React, Angular, Vue.js)
- Adequate knowledge of Object-Oriented Programming
- Through understanding of the Software Development Lifecycle (planning, designing, developing, testing, and deploying)
- Proven experience and knowledge of relational database administration and design (MySQL, PostgreSQL, SQL Server)
- Experience in designing, developing, and implementing RESTful Services and APIs
- Strong understanding of how web applications work, including security, session management, and best practices
- Good experience using data visualization tools such as Tableau Public and Microsoft Power BI
- Extensive knowledge and experience in web programming
- Experience with scripting languages (Shell, Bash, JSON, JavaScript etc....)
- Good familiarity with Linux
- Superb analytical and problem-solving skills
- Ability to work in a collaborative environment
- Ability to multi-task in a dynamic environment
- Adaptation capacity and flexibility in a changing environment
- Ability to interface smoothly and communicate effectively across multiple teams and disciplines
- Excellent written and verbal communication skills
- Fluency in written and spoken French and English

APPLICATION DETAILS

If you are interested in this position, please send your detailed e-mail application: CV and cover letter in English, by **August 12, 2022,** to careers@akademiya2063.org . Please include the position title in the subject line.

We thank all applicants for their interest in working for AKADEMIYA2063. Due to the volume of applications, only shortlisted candidates will be contacted.

This Job Description only serves as a guide for the available position. AKADEMIYA2063 reserves the right to change, revise, omit, and add in part / in whole this document

AKADEMIYA2063 is an equal opportunity employer. Qualified women are encouraged to apply.

Disclaimer: AKADEMIYA2063 does not charge any kind of fee at whichever stage of the recruitment process

To find out more about AKADEMIYA2063 visit our website at https://akademiya2063.org/