

JOBS ADVERTS

The Makerere University AI lab in the Department of Computer Science, College of Computing and Information Sciences, and the Marconi Society Lab in the Department of Electrical and Computer Engineering, Makerere University, are implementing a joint research project titled: “**ICT Platform for the Pathogen Economy (IPPE)**.” The project is a commercial Integrated AI-driven platform for screening diseases of national priority, including COVID-19, cervical and breast cancer. The research project is funded by the Science, Technology, and Innovation (STI) Secretariat at the Ministry of Science, Technology, and Innovation in Uganda to help develop a robust software platform to support their critical internal business processes.

We are a multidisciplinary consortium of computer science, data science, bioinformatics, engineering, epidemiology, and public health experts. We are looking for outstanding individuals to contribute to realizing the project objectives and outcomes.

Position: Technical Project Manager (1 position)

Terms of Employment: Fixed term, 1-year contract with possibility to extend.

Expected start date: Immediate

Line manager: Principal Investigator (PI)

Duty station: Makerere University, Kampala, Uganda (with an element of remote)

We are seeking an experienced Technical Project manager to support the implementation and management of the project implementation. You will be part of a multidisciplinary team of researchers from Makerere University and report to the project PI. As a Project manager, you will be responsible for the day-to-day activities of the project. You will also support the PI and team in supervising the project’s activities, across all the work streams and work closely with the partners and collaborators at the Makerere AI lab, Marconi Lab, and selected healthcare partners to ensure that the agreed objectives and results are met.

Responsibilities and duties:

- Plan, coordinate, and execute activities of the project.
- Perform day-to-day management of the project team and address any issues that arise.
- Team and systems setup, performance monitoring, and evaluation.
- Conduct regular team meetings to set priorities and discuss project status and issues.
- Monitor and manage the critical risks associated with the delivery of the project.
- Provide regular reporting on progress to the management team.

- Manage project schedules, identify possible issues, and communicate them to project management.
- Prepare timely documentation and reports as needed and timely preparation of the project deliverables for dissemination and reporting.
- Ensure effective communication project results and engagement with stakeholders, including government, media, and local and international partners.
- Work with management to prepare project plans, budgets, and schedules.
- Ensure project compliance and adherence to ethical clinical protocols and requirements.

Qualifications

- Advanced degree in health or computing-related discipline.
- At least 5 years of experience in project planning, monitoring, and team management of research projects.
- Agile project management experience. Certification is a bonus.
- Strategic thinking, communication, team building, and reporting skills.
- Demonstrated experience and knowledge in establishing project systems and overseeing project start-up and close-out.
- Excellent diplomacy skills and a proven ability to establish and maintain interpersonal and professional relationships.
- Familiarity with the funding reporting requirements.
- Experience in working with government agencies and ministries is an added advantage.

Position: Full stack Developer (2 positions)

Terms of Employment: Fixed term, 6-month contract with a possibility to extend.

Expected start date: Immediate

Line manager: Technical Project Manager

Duty station: Makerere University, Kampala, Uganda (with an element of remote)

We are seeking experienced Full Stack Developers to support in designing and building the ICT platform. You will be part of a multidisciplinary team of researchers from Makerere University and report to the Technical Project Manager. As a Full Stack Developer, you will be responsible for designing and developing the platform by building, managing, and improving server-side operating systems, databases, libraries, and frameworks. You will also provide back-end functionality that can run smoothly from any device or browser. You will work closely with the management team and a team of researchers to ensure that the agreed objectives and results are met.

Responsibilities and duties

- Develop front-end website architecture which includes designing interactive, responsive, and dynamic web pages
- Develop back-end applications, databases and servers for creating a highly functional website.
- Troubleshoot, suggest improvements and debug software.
- Work with team members of different expertise to provide a user-friendly and smooth platform as an end-result.
- Ensure the safety and security of the platform.
- Organize meetings with decision-makers to discuss new developments to the project so as to ensure optimal web development.
- Develop Application Programming Interface (APIs) which is quite indispensable when it comes to working with different software.
- Oversee and guide the analysis, writing, building, and deployment processes of software.
- Oversee the automated testing and provide feedback to management during the development process.
- Monitor the project from conception to finished product.
- Meet both technical and consumer needs.
- Stay abreast of developments in web applications and programming languages.

Qualifications

- Bachelor's degree in computing discipline. (Computer Science, Software, Engineering, Computer Engineering).
- At least 3 years' experience in working on design and web development projects.
- Industry experience in computer programming is a must. (Java, Python, HTML and CSS).
- Basic understanding of databases, frameworks, design, algorithms, etc.
- Analytical and problem-solving skills.
- Adaptability to emerging technologies and tools.
- Able to organize and document detailed design and functional requirements.
- Comfortable in an agile workflow and rapid iteration and experimentation.
- Excellent verbal communication skills.
- Strong organizational and project management skills.

Position: Technical Business Development Manager (1 position)

Terms of Employment: Fixed term, 1-year contract with possibility to extend.

Expected start date: Immediate

Line manager: Principal Investigator (PI)

Duty station: Makerere University, Kampala, Uganda (with an element of remote)

We seek an experienced Business Development Manager to support the process mapping and business process reengineering tasks of the project. You will be part of a multidisciplinary team of researchers from Makerere University and report to the project PI. As a business development manager, your role will focus on the identification, documentation and communication of business requirements, current state and future state processes - including solution design recommendations. You will work closely with the management team and a team of researchers to ensure that the agreed objectives and results are met.

Responsibilities and duties:

- Analyze and document existing business processes.
- Assess business requirements and make evidence-based recommendations to support process improvements.
- Facilitate process workshops that involve eliciting process requirements and liaising with users.
- Lead process redesign workshops with system owners.
- Document procedures and present new process designs to stakeholders for discussion.
- Monitor, measure, and provide feedback on process performance.

Qualifications.

- Bachelor's degree in a computing field (Software Development, Information Technology/Systems).
- Having a master's degree will be an added advantage.
- At least 3 years of experience across IT and Business related projects.
- Experience using business process analysis and modeling tools like Business process Modeling Notation (BPMN).
- Strategic thinking, excellent communication, and team-building skills.
- Excellent understanding of IT Processes and associated skills. Ideally, having worked with both Agile and Waterfall development methodologies.

Position: Marketing and Communications Lead

Terms of Employment: Fixed term, 6-months contract with possibility to extend.

Expected start date: Immediate

Line manager: Technical Project Manager

Duty station: Makerere University, Kampala, Uganda (with an element of remote).

We seek an experienced marketing and communications expert to provide a thorough media and marketing contact management system for the platform. You will be part of a multidisciplinary team of researchers from Makerere University and report to the Technical Project Manager. As a marketing and communications officer, you will be responsible for building relationships with potential and existing beneficiaries of the platform through social media networks, promoting of the platform and its various activities, and managing events like conferences, science week, and scheduled workshops all aimed at increasing awareness of the platform nationwide. You will work closely with the stakeholders in the health sector, the project manager, and management to ensure that the agreed objectives and results are met.

Responsibilities and duties:

- Manage the project's social media presence, including promotion of the project's publications, events, and courses, as well as relevant industry and member-related news.
- Maintain the project website and blog, including; reviewing, editing, uploading, and updating content on a timely basis – liaising internally with key team members.
- Work alongside the external agencies to support optimizing the project website for search.
- Manage communications outputs as required (this will include; liaising with graphic designers, video editors).
- Measure and report on the performance of our digital presence.
- Work with the project team to identify content opportunities and produce the relevant materials.
- Network with industry experts and potential clients to drive brand awareness.
- Participate in and contribute to departmental brainstorming and ideation sessions.

Qualifications

- Bachelor's degree in digital communications, media, public relations, English or a related field; or comparable experience.
- At least 2 years experience in working on a marketing and communication team.

- Native proficiency in spoken and written English, with the ability to tailor content to different audiences.
- Excellent attention to detail.
- Copywriting and editing skills.
- Knowledge of website analytics tools (e.g. Google Analytics etc.)
- Strong analytical skills and data-driven thinking.
- Proven experience in delivering successful integrated marketing campaigns from concept to execution.
- Ability to think creatively and critically about multimedia content while ensuring brand guidelines align.
- Ability to work collaboratively as part of a team.
- Ability to work on tight deadlines.

Note: The job descriptions are not intended to be an exhaustive list of all duties, responsibilities, or qualifications associated with the jobs.

How to apply

In case you are qualified, follow this [link](#) and apply with your CV, motivation letter and academic documents to the position of interest.

Applications will be reviewed on a rolling basis; for the earliest consideration, submit your application by **August 12, 2022**.