Farm Radio International’s Digital Innovation Team (DIT) is designed to serve two distinct roles within the organization: 1) the DI Discovery Team, comprised of the Discovery Lead and software developers, develops new and existing solutions, specifically a) to innovate tools and solutions, and b) to maintain and improve upon existing interactive radio tools and solutions; 2) the DI Delivery Team, comprised of the Delivery Leads and Digital Innovation Officers, ensures that DI services are provided to Farm Radio projects and initiatives, specifically that projects have the software/tools, training/processes and the technology infrastructure in place to deliver interactive radio. The two teams are supported and overseen by a management structure that handles human resources, finances and strategy.

In line with Farm Radio’s strategic intentions and commitments to partners, the Digital Innovation Discovery Lead will ensure that new tools and solutions are developed and that existing tools and solutions are maintained and further developed, as follows:

**KEY AREAS OF RESPONSIBILITY**

1. **Lead the maintenance and development of DI Delivery tools.**
   a. Prototype new solutions and Contribute code to DI projects
   b. Write technical documentation.
   c. Perform code reviews and write tests.
   d. Planning and documenting technical specifications for features or system design
   e. Participate in day-to-day activities and assist the DI team as needed.
   f. Coordinate with DI Delivery Lead to identify features for DI Delivery Tools
   g. Maintain & develop features for the current version of Uliza services
   h. Supervise continued development of FRI Log as a core component of DI Delivery Tools
   i. Integrate work on radio coverage mapping into Uliza Log
   j. Consolidate DI tools into a unified set of core services: Uliza 2.0

2. **Lead the innovation and DI development of projects (R&D)**
   a. Discover new areas, technologies and concepts which can be innovations in interactive radio
   b. Work with Digital innovation developer volunteers/interns to develop collaborative projects

3. **Collaborate with FRI’s speciality teams**
   a. Recommend and build tools with the Resources for Broadcasters Department to develop core services for broadcasters
   b. Collaborate with the Radio Craft Development team to develop Uliza Log
c. Work together with the Knowledge Management Team to develop mapping, data, reports and insight tools

4. Advise Farm Radio International on technology partnerships and adoption
   a. Recommend strategies, policies, and procedures for technology adaptation within the organization.
   b. Writing testable, scalable and efficient code and leading code reviews
   c. Mentoring junior team members and ensuring they adhere to determined software quality standards
   d. Promote the use of open standards and open-source software in FRI projects and communications (ie: website and comms materials).
   e. Perform server administrative tasks, such as installing and configuring software on FRI’s Azure servers

OTHER REQUIREMENTS

● Willingness to learn and explore new technologies
● Ability to work in a distributed team
● Proactive and enthusiastic approach to projects
● Openness for new ideas and a disposition to listen to others

QUALIFICATIONS

- Masters Degree in computer science or equivalent work experience in a relevant field
- At least 6 years experience writing code and programming computers
  - Prototyping new solutions
  - Writing technical documentation
  - Performing code reviews
- Knowledge of working within an organization to provide support for innovation projects
- Have a hands-on understanding of all programming roles
- Experience working in a distributed team environment
- Have advanced programming skills
- Be both a team player and a leader
- Be approachable and listen to what people need and want, both from other FRI departments/teams and within the Digital Innovation team
- Be able to communicate your own ideas and vision to the DI team and wider Farm Radio team.
- Be able to inspire and motivate the programming team to ensure that important work is completed according to schedule
- Willingness to travel
FRI is an Equal Opportunity Employer and an Affirmative Action Employer. Women, people of color, and members of equity-seeking communities are strongly encouraged to apply. We accept and encourage applications from people with disabilities. Accommodations can be made at the request of candidates who participate in all stages of the selection process. We will only contact selected candidates.

To apply for this position, please send an email with your CV and cover letter attached to jobapps@farmradio.org