**Sample position description**

### **Technical Lead**

Experience serving as the manager of complex technology implementations, with a focus on constant reengineering and refactoring to ensure the simplest and most elegant system possible to accomplish the desired need. Provide hands-on leadership for a full-stack development team to create an events-driven, highly scalable architecture. Understand how to leverage open source to deploy systems on infrastructure-as-a-service (IaaS) providers. Comfortable with transparent knowledge sharing across a multi-disciplinary team and working within agile methodologies.

Responsibilities include but not limited to:

* Plan the overall system architecture using prototyping and proof of concepts, which may include:
  + Modern programming languages (e.g., Python, Node.js) and web frameworks (e.g., Django, Spring Boot, Flask)
  + API Development tools (e.g. SwaggerUI, Postman)
  + Modern user-interface programming (e.g. HTML5, CSS3, .NET MAUI)
  + Relational databases (e.g., PostgreSQL), and “NoSQL” databases (e.g., Cassandra, MongoDB)
  + Automated configuration management and version control (e.g., GitLab), continuous integration/deployment, and continuous monitoring solutions
* Maintain strategic alignment of technical design and architecture to meet business growth and direction, while staying on top of emerging technologies
* Work with the Product Owner to develop product roadmaps, backlogs, and measurable success criteria. Write meaningful user stories to ensure effective product delivery
* Communicate credibly with a wide range of digital delivery disciplines and talent
* Clearly communicate and work with stakeholders at every level
* Responsible for tech-stack, framework and API infrastructure that will serve as a crafted architecture for developers and consumers. Support infrastructure and platform decisions.
* Work with enterprise technology governance to ensure a healthy DevSecOps pipeline.
* Work with procurement team members to verify technical aspects of the quality assessment plan and help with vendor selection.