



Job Description: Technology Lead (Contractor)

Company Overview:

My Fertility Labs (MFL) is a pioneering healthcare technology company committed to revolutionizing reproductive health care through innovation and accessibility. Our mission is to provide comprehensive and affordable solutions for individuals and couples navigating fertility challenges, miscarriage prevention, and reproductive health concerns. By integrating advanced technology, telehealth services, and medical expertise, we aim to empower our users with personalized care and support on their journey towards parenthood.

Core solution components for 2025:

1. **Home Blood Testing:** with results analyzed by a laboratory.
2. **Cycle Tracking:** integrations with leading fertility tracking apps as well as in-app tracking.
3. **Telehealth:** with fertility coaches, pharmacists and doctors.
4. **Custom Application for Reproductive Medicine:** tailored for providing Restorative Reproductive Medicine (RRM). Incorporates large language models and AI for higher efficiency of care.
5. **Ongoing care plans:** for fertility and pregnancy.
6. **E-prescriptions:** to optimize hormones for fertility and pregnancy.

Role Overview:

We are seeking a dynamic and experienced Technology Lead to join our team as a contractor and lead the development of our application for reproductive medicine. The ideal candidate will have a deep understanding of healthcare technology, compliance standards (PIPEDA/HIPAA), expertise in coding with .NET Core, and experience in setting, managing, and maintaining our Azure cloud platform. The Technology Lead will play a pivotal role in shaping our technological infrastructure, ensuring regulatory compliance, and driving innovation to enhance user experience and patient outcomes.



Key Responsibilities:

- 1. Application for Restorative Medicine (Development):** Lead the design, working with the team in development, and implementation of our application on Azure cloud infrastructure to meet the compliance requirements of both Canadian (PIPEDA) and US (HIPAA) healthcare regulations.
- 2. Technology Strategy:** Develop and execute a comprehensive technology strategy and technical product plan, aligned with the company's mission and objectives. Identify opportunities for technological innovation and strategic partnerships to enhance product offerings and competitive advantage.
- 3. Compliance and Security:** Ensure strict adherence to regulatory standards, including PIPEDA and HIPAA, by implementing robust data security measures, encryption protocols, and privacy controls within the application.
- 4. Software Development:** Oversee the software development lifecycle, including architecture design, coding, testing, deployment, and maintenance. Drive continuous improvement in coding practices, quality assurance processes, and software scalability. Work closely with the software development team.
- 5. Stakeholder Engagement:** Collaborate closely with cross-functional teams, including product management, medical professionals, and regulatory affairs, to translate business requirements into technical solutions. Communicate effectively with internal and external stakeholders to ensure alignment and successful project delivery.

Qualifications:

- Master's or PhD in Computer Science, Engineering, or related field.
- Deep knowledge in healthcare technology and EMR/EHR systems.
- Strong proficiency in coding with .NET Core and familiarity with Azure cloud services, containers, and microservices architecture.
- In-depth knowledge of healthcare compliance standards, including PIPEDA and HIPAA, and experience implementing security and privacy measures in healthcare IT systems.
- Excellent leadership and interpersonal skills, with the ability to inspire and motivate cross-functional teams to achieve ambitious goals and drive innovation.
- Strategic thinker with a results-driven mindset, capable of translating business objectives into actionable technology initiatives and roadmaps.
- Effective communicator with the ability to convey complex technical concepts to non-technical stakeholders and build consensus across diverse teams.



Location:

The ideal candidate would be preferably located in Edmonton or Calgary, with option for other locations, with work being done primarily remotely.

Terms:

The initial position will be part time and incremental with the opportunity to potentially evolve into a full-time and permanent position.

How to Apply:

If you are passionate about leveraging technology to transform healthcare and thrive in a fast-paced startup environment, we would love to hear from you! Please submit your resume and a cover letter outlining your qualifications and interest in the role to sarah@myfertilitylabs.com.

At My Fertility Labs, we are committed to fostering an inclusive and diverse workplace culture that celebrates individuality and promotes equal opportunities for all. We encourage applications from candidates of all backgrounds and experiences. Join us in making a meaningful impact on the lives of millions worldwide.

