

Software Engineer – Web Application

Position Overview:

Circle Cardiovascular Imaging is seeking one web application software engineer/developer. The software engineer will design and develop various components of the software including application graphical user interface/workflows, back-end server functionalities, reporting, advanced rendering algorithms and/or other post processing algorithms. Through the software development cycle, the software engineer will work closely with other software engineers and quality assurance analysts as a team to ensure delivery of quality software products.

The software engineer will report to lead engineers/managers.

General Responsibilities:

- Design, develop, test, deploy, maintain, and improve medical imaging software
- Writing reusable, readable, testable, scalable, and efficient code
- Manage individual project priorities, deadlines, and deliverables

Required Skills/Experience:

- 3+ years of work experience in software development and/or considerable project experience
- Work experience in JavaScript, HTML5, CSS3, and the latest web standards
- Work experience in one or more programming languages including: Java, C/C++, C#, Rust, or Go
- Work experience with public cloud platform, such as AWS or Azure

Beneficial Skills/Experience:

- 5+ years of work experience in software development
- Experience in designing and deploying large scale distributed system
- Experience with service-oriented and/or microservice architecture
- Familiarity with the tech stack, including protocols and web server optimization techniques
- Strong sense of application design and attuned to the fundamentals of user experience
- Expertise in 3D JavaScript libraries and frameworks such as React, Vue, and Angular
- Proficiency developing with NoSQL database technologies
- Knowledge of message brokers such as RabbitMQ or Apache Kafka
- Experience with DICOM protocol and images

Educational Requirements:

- B.Sc. degree in Computer Science/Software Engineering or related technical field

About Circle Cardiovascular Imaging Inc.

Circle Cardiovascular Imaging Inc. develops world class, advanced, post-processing solutions for the cardiac imaging industry. Circle is a prominent company for the global cardiac imaging community bringing together an experienced and qualified team of more than 150 people.

Circle's imaging platform, cvi42 is the leading best-in-class cardiovascular imaging reading and reporting solution for Cardiac MR, Cardiac CT, and Cardiac Interventional Planning. Annually, hundreds of thousands of cardiac exams - in over 1,000 hospitals in 40 countries - are interpreted using cvi42, providing physicians the tools to accurately quantify and diagnose complex cardiovascular diseases while improving patient outcomes and the effective utilization of healthcare resources.

Currently at version 5.11, cvi42 utilizes machine learning and big data, with the machine results demonstrating capabilities within the same range as expert human readers, improving cardiovascular health through excellence in imaging as an integral part of precision medicine.

How to apply:

We are an equal opportunity employer and value diversity at our company. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status. While we thank all those who apply, however please note that we will only be contacting those selected for an interview. No phone calls or unsolicited agency referrals please

Please send your resume with cover letter to the attention of Human Resources at the following address:

Email: hr@circlecvi.com

Fax: +1 403 338 1895

Mail: **Circle Cardiovascular Imaging Inc.**

1100, 800 5th Avenue SW

Calgary AB T2P 3T6

Canada