

# SKINOPATHY

## Full Stack Developer | Student Opportunity

Skinopathy is solving the continuity-of-care problem inherent to telemedicine platforms by completely digitizing the patient circle of care and empowering patients to control their own health.

Through advanced data analytics, workflow automation, and artificial intelligence we drive substantive administrative efficiencies and improve healthcare outcomes that not only help patients navigate their medical journey but can act as a financial catalyst for medical organizations.

### WHAT YOU WILL DO

We are looking for someone who can contribute to the front and backend development of all our platforms (Web and mobile). Your responsibilities include, but are not limited to:

- Working closely with a team of software engineers, design, develop, and test the web platform.
- Establish and maintain best practices/standards for all things the end users touches and sees.
- Build reusable code and libraries for future use.
- Accurately translate user and business needs into functional code.
- Champion and lead code reviews.

Our frontend is written using the following languages:

- ES6
- Typescript
- Functional React
- Cypress
- Jest

Our backend runs multiple micro services written in the following languages:

- Golang
- PostgreSQL
- Redis
- Kafka

We have built our own unique DSL for doctors from scratch and you will be contributing to its development.

### REQUIRED SKILLS

- Experience in frontend development frameworks (React/TypeScript preferred)
- Experience with backend languages (Golang preferred)
- Experience with SQL and Python
- Experience building and implementing unit tests and integration tests
- Familiarity using Scrum/Agile development methodologies
- Knowledge of algorithms and machine learning

## ABOUT SKINOPATHY

Skinopathy is a Canadian medtech company revolutionizing the patient circle-of-care through artificial intelligence and data. We offer the public and medical community practical, reliable, and ground-breaking skin disease management tools and medical research insights.

Our first service, GetSkinHelp, leverages our patent-pending SkinAI™ technology that can classify and triage a selection of skin diseases, including skin cancers, and allow patients schedule virtual appointments with licensed doctors from any device faster and at their convenience. This service is covered by Canadian provincial health plans and empowers patients to receive care wherever they are, whenever they need it.

GetSkinHelp has been serving patients since December 2020 and the mobile app is in public beta.

Other projects currently in development include a monitoring and triage platform, an AI-powered EMR, a real-time medical research portal, and a secure national health data vault. All these initiatives are being developed alongside many influential government agencies, respected medical institutions, and celebrated NGOs.

## PRODUCTS & SERVICES

Our suite of products and services range from patient focused platforms to AI-powered tools.

- **GetSkinHelp™** is an online and mobile app service that allows Canadians to get prompt virtual medical attention when it comes to skin diseases with or without a referral.
- **SkinAI™** technology is able to provide preliminary analysis of skin lesions, tracking keloid healing, determining acne severity, margin identification for basal cell and squamous cell carcinoma, tracking wound healing, and classifying a wide range of dermatological conditions.
- **Skinopathy EMR™** is a smart EMR designed with data first in mind to provide healthcare professionals with unprecedented intelligence about their practice and patients.
- **Skinopathy Research™** is a “Data Co-Op” that powers real-time, real-world research with patient consent.
- **Skinopathy Burns™** is an AI module (included within SkinAI) that is positioned as an assessment tool for 1st and 2nd degree burns for first responders and the public.
- **Skinopathy Health Vault™** is an interoperable data platform that provides the full patient-circle-of-care with private and secure access to vital medical information in a portable format.

In a little over a year of operations, our technology has led to collaborations with Innovation Science and Economic Development Canada, National Research Council Canada, the Montreal Institute for Learning Algorithms, the Responsible AI Institute, and others.