

Full-stack software developer transitioning from 10+ years in healthcare IT. Strong leadership skills in data analytics, process redesign, and enterprise level integrations to drive business goals through software development.

TECHNICAL SKILLS

- **HTML, XML, CSS/SCSS, Bootstrap, Materialize, Semantic UI, React**
- **JavaScript, Express, Node.js, MongoDB (NoSQL), Mongoose (ODM), PostgreSQL, SQL, Sequelize (ORM)**

PROFESSIONAL EXPERIENCE

Business Consultant/Integration Engineer

Aug 2018 - Present

Philips Interoperability Solutions (formerly Forcare) – *World leader in professional healthcare products and solutions*

- Implement secure, open-standards-based (XDS, HL7, FHIR, DICOM) solutions to seamlessly share disparate data between medical systems at departmental and enterprise levels
- Set up XML-based configurations, develop custom HTML/JavaScript forms and perform ad-hoc SQL queries based on customer needs
- Support pre-sales and RFP processes by participating in solution design, preparing Docker-based demo environments, answering questions regarding installation, configuration and product functionality

Digital Health Consultant

Sept 2017 - Aug 2018

Toronto Central Local Health Integration Network (LHIN) – *Local arm of the Ministry of Health for planning & funding health care services for 1.2 million residents in Toronto*

- Negotiated and aligned end-user business needs with LHIN and Ministry's strategy to move towards a fully integrated patient-provider ecosystem within Toronto
- Oversaw and supported a portfolio of provincial implementation and adoption activities. Projects included a regional specialist directory, virtual care program, secure patient messaging system, hospital report management and notification system

Professor, Faculty of Health Services Management

Sept 2016 - Jan 2017

George Brown College – *Public, accredited local college of applied arts and technology in Toronto*

- Developed curriculum, lectured and facilitated discussions for 76 students on Canadian healthcare system

Senior Project Coordinator

June 2015 - Sept 2017

Canadian Institute of Health Information (CIHI) – *Federal agency responsible for collection of national health information and provision of data for health system performance*

- Developed and maintained CIHI Reference Data Model and Data dictionary to ensure semantic interoperability within CIHI's 28 national databases. Enhanced data governance model to support collection of new health data
- Provided project leadership in development of primary care population health indicators and standards

Project Analyst

2010 - 2013

Hospital for Sick Children – *Internationally renowned pediatric teaching facility in Toronto*

- Gathered user requirements, configured, performed interface testing and facilitated training sessions for new Allscripts scheduling and registration system for the following services: Allied Health, Haematology & Oncology and Transplant

EDUCATION & CERTIFICATIONS

- **Software Engineering Immersive** - General Assembly, Seattle

April-June 2020

An intensive 12-week, 450 hours+ full-stack development program focused on product development fundamentals, object-oriented programming, MVC frameworks and data modelling

- **Masters in Health Informatics** – University of Toronto, Toronto, Canada 2014
- **Diploma in Health Information Management** – George Brown College, Toronto, Canada 2013
- **Bachelor of Applied Science in Food & Nutrition** – Ryerson University, Toronto, Canada 2011

PROJECTS

- **Codenames**- online version of the award-winning board game with real-time bidirectional streaming of moves from players built using **JavaScript, Bootstrap, Express and Socket.io**
- **Aloe there**- responsive plant care resource and exchange platform built by web-scraping care instructions and with **Express, EJS and Sequelize, Materialize styling and Google Maps API** for address autocomplete
- **Dodo Swap**- collaborated with 1 developer to create an Animal Crossing **MERN stack + Typescript** application that allows users to create events, save inventory from unofficial API & meet up online for cataloguing parties
- **Tasty Roots**- wireframed, created data models and owned both front and back-end development with 2 developers to create a **MERN, Redux & React Semantic UI** recipe sharing app to preserve family traditions