

Full-stack software engineer transitioning from healthcare IT. Project management professional and scrum master with 10+ years consulting and implementation experience.

## TECHNICAL SKILLS

- |               |           |                   |                  |          |                   |              |
|---------------|-----------|-------------------|------------------|----------|-------------------|--------------|
| ▪ Agile/Scrum | ▪ EJS     | ▪ JavaScript      | ▪ Mongoose (ODM) | ▪ Python | ▪ Semantic UI     | ▪ SQL        |
| ▪ Bootstrap   | ▪ Express | ▪ Materialize     | ▪ Node.js        | ▪ React  | ▪ Sequelize (ORM) | ▪ Typescript |
| ▪ CSS         | ▪ HTML    | ▪ MongoDB (NoSQL) | ▪ PostgreSQL     | ▪ Sass   | ▪ Socket.io       | ▪ XML        |

## EDUCATION & CERTIFICATIONS

- [Software Engineering Immersive](#) - General Assembly, Seattle April-June 2020  
An intensive 12 week, 450 hour+ 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 autocompletion
- [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

## PROFESSIONAL EXPERIENCE

[Business Consultant/Integration Engineer](#) Aug 2018 - Present

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

- Configured, tested and implemented a new secure, open-standards-based (XDS, XDS, HL7, FHIR, DICOM) solution to seamless share disparate data between medical systems at departmental and enterprise levels
- Migrated 85+ million patient records from 2 legacy systems to a consolidated platform for the Kentucky Health Information Exchange, serving 900+ health care organizations across the state

[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