

# Dmitri Sotnikov

SOFTWARE DEVELOPER

## Contacts

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## Profiles

**LinkedIn**   [dmitrisotnikov](#)

**GitHub**     [yogthos](#)

## About

As a seasoned developer, I have accumulated over a decade of experience in the web application domain. Throughout my career, I have demonstrated proficiency in all aspects of the application development lifecycle, encompassing requirements gathering, scope analysis, project planning, design, development, and operations. As a technical team lead, I have adeptly overseen teams through the design, development, and operations of large-scale, mission-critical projects. Additionally, I am an engaged member of the Clojure open-source community, constantly seeking to further my knowledge and share insights with peers.

## Skills

### Frontend

› HTML, CSS, Reagent, Re-frame, Reitit, ClojureScript, Shadow-cljs

### Backend

› Clojure, Deps, Leiningen, Ring, Reitit, Java, SQL, Postgres

### Devops

› Git, Docker, AWS, Babashka

# Work

## Lumanu

2022-02-01 - 2023-05-10

### Sr. Software Architect

<https://lumanu.com>

System architect and software developer

- › developed microservice architecture for managing financial transactions
- › designed and implemented infrastructure for microservice orchestration
- › designed public facing RESTful APIs for financial services
- › mentored junior developers

## University Health Network

2009-07-01 - 2022-01-25

### Technical Specialist

<https://uhn.ca>

Software development team lead

- › lead development of a hospital-wide portal that aggregates data from multiple systems, supports complex transactional business rules, and allows for live, multi-user editing while keeping data synchronized across clients
- › built an eConsent and survey collection tools for UHN Researchers
- › Provided operational support for mission critical applications
- › hired, trained, and supervised co-op students

## Arius Software

2007-10-20 - 2009-06-20

### Software Developer

Java web application development

- › developed a full stack financial application
- › implemented financial system integration over TICS/FIX protocols
- › developed internal tools to enhance productivity

## Bulletproof Software

2005-05-01 - 2007-10-09

### Software Developer

Java web service development

- › designed and implemented a data broker to integrate data from disparate sources
- › designed a data model and implemented a data mapping framework
- › worked with the product engineering team to deliver features
- › designed and implemented E2E encryption for secure service communication

## Education

### University of New Brunswick

2004-09-01 - 2006-06-01

Computer Science  
Master

### University of New Brunswick

2000-09-01 - 2004-06-01

Computer Science  
Bachelor

## Projects

### Kit

Lightweight, modular framework for scalable production systems  
<https://kit-clj.github.io>

### Selmer

HTML templating library  
<https://github.com/yogthos/Selmer>

### clj-pdf

PDF templating library  
<https://github.com/clj-pdf/clj-pdf>

### Migratus

a migration framework for migrations as SQL scripts or general Clojure code  
<https://github.com/yogthos/migratus>

## Publications

### Web Development With Clojure

2021-07-15

Published by The Pragmatic Programmer  
[View publication](#)

## Talks

### Clojure Web Development Evolved

2022-04-27

<https://www.youtube.com/watch?v=DFzukK5-rpU>

### Aviary: Clinical Collaboration Platform

2019-05-16

<https://www.youtube.com/watch?v=lekPZpfbdal>