



CONTACT

Location

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GitHub

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CORE SKILLS

Development

- Swift
- Objective-C
- Dart/Flutter
- PHP
- Node.js

System Administration

- Linux
- Shell (bash/zsh)
- Terraform
- Docker
- Kubernetes

CI/CD

- Jenkins
- GitHub Actions

EXPERIENCE

TELUS Communications Inc. Senior Design Specialist

2018 - Present

- Development lead for multiple internal iOS and Android applications used by staff to monitor and maintain reliability across the TELUS network.
- Development lead for multiple REST based API's used to monitor and/or control various aspects of the TELUS network.
- Document various tools and processes to increase the efficiency of other team members.
- Provide development and policy support to various other teams launching new customer focused applications, including collaborating with Apple to release an application using the restricted watchOS Fall Detection API's.
- Develop and implement dev op systems to aid with development and deployment of iOS and Android applications to staff, testers, and vendors.
- Project lead for multiple proof of concept projects in the Emerging Mobile Solutions department, including developing a method for customers to automatically configure eSim enabled SmartHome devices, utilizing 5G enabled drones in emergency situations, and creating a privacy focused COVID passport type system.
- Manage the Apple developer accounts (App Store and Enterprise).

Cerebral Gardens Inc. Founder

2007 - Present

- Architect, develop and implement complex server, desktop and mobile based applications for clients and our own in-house products.
- Successfully shipped over a dozen independent iOS, tvOS, watchOS and macOS applications to the App Stores.

MartianCraft Cocoa Engineer

2011 - 2018

- Collaborate within the engineering team to architect, develop, test, and maintain mobile applications for clients and MartianCraft's in-house products.
- Maintain strict code quality and apply best practices across multiple development environments.
- Set up and maintain multiple continuous integration and deployment systems.
- Primary areas of focus include user experience, security, and performance.
- Shipped ~50 applications.

snabd Inc. Director of Technology

2006 - 2011

- Managed the I.T. department for the company (~60 employees, plus ~200 franchisees and related staff).
- Directed all software development, server infrastructure, and database operations.
- Designed, developed, and implemented Exposure, a robust newspaper management application that enables small teams to be able to publish entire newspapers quickly and efficiently.
- Created a fully redundant web/database server farm to host Exposure including a remote disaster recovery location.



OPEN SOURCE

XCGLogger

- Develop and maintain an open source debug log framework for Swift apps used in over 20,000 projects, including: Scotiabank, Firefox, Fabric, Jira, theScore, Basecamp, Coursera, A&E, History TV, & Hello Fresh.

OTago

- An app distribution system for deploying ad hoc or enterprise signed iOS (and/or Android) applications over-the-air for cases where TestFlight isn't an option.

Gizmos Settings Screen

- Flutter package for creating iOS and/or Android settings screens with a native (or not) look and feel.

Gizmos HUD

- Flutter package for displaying HUDs, toasts, and/or other screen overlays.

Other

- Contributed to other projects such as CryptoSwift, fastlane, mogenerator, and Sparkle.

DEVELOPMENT COMMUNITY

Stack Overflow

- Active member where I help other developers solve problems.
- Currently in the top 3% with a score > 12,000.

PUBLICATIONS

Swift for the Really Impatient (2014, Addison-Wesley)

- Co-author.

iOS Components and Frameworks: Understanding the Advanced Features of the iOS SDK (2013, Addison-Wesley)

- Technical Reviewer.

EDUCATION

Wilfrid Laurier University

- Computer Science (1993-1996).

NOTABLE APPS

Launch Center Pro

- Freelance/Partner
- iOS productivity app

All the Rings

- Owner
- iOS/watchOS fitness app

Wordology

- Owner
- iOS word game

Rudoku

- Owner
- iOS math game

TV Tune Up

- Owner
- tvOS calibration app

Watchdog for Xcode

- Owner
- macOS developer tool

Moodie Foodie

- Freelance
- Award winning recipe app

PDT/Modern Classics/et al

- Freelance
- 10 drink recipe apps

Healthy Moms

- Freelance
- iOS/Android lifestyle app