Professional Profile

- 10+ years of professional software development experience, with two years in a *leadership* capacity.
- Broad range of professional software experience covering *embedded*, mobile, desktop, and full-stack web.
- Driven by the challenge of balancing design & architecture with rapid software delivery.
- One with the understanding of Agile as a philosophy & methodology first, and as a process second.

Work History 2022 - 2023

Senior Android Developer, Wattpad, Toronto ON (Remote)

• Generalist duties maintaining the Android client application.

2021 - 2022

Android Developer, Epic! For Kids, Victoria BC (Remote from ON)

Generalist duties maintaining the Android client application.

2020 - 2021

Lead Android Developer, Dakia Canada (Dakia Digital)

- Built a new consumer facing social app from scratch. "Single Activity" MVVM Repository Pattern with the AndroidX/JetPack SDK. Includes highly customized navigation components, written in Kotlin. Published:
 - https://play.google.com/store/apps/details?id=com.dakiadigital.hypr.tribes
- Contributed to full stack system architecture, and general engineering management as part of a team of "three leads".
- Currently developing a port of this App as part of a team utilizing Flutter 2.2, targeting Android, iOS, and Web platforms. (Flutter/Dart)

2019 - 2020

Full-Stack Software Developer, Manulife, Waterloo ON

Design and development of common web and server components for use across the company's IT business units. (Node.js/React.js)

2017 - 2019

Application Developer II, BlackBerry, Waterloo ON

Development and maintenance of the BlackBerry PIM applications; Hub, Calendar, Contacts, Tasks, and Notes. Back-end sync adapters, front end native UI, and all layers in between. (Legacy Android/Java)

Work History 2015 - 2017

(Cont.) Software Development Team-Lead, Asset Science LLC, Waterloo ON

- ♦ Lead a development team of eight developers responsible for an application suite across desktop and mobile.
- ♦ Multi-hat role included team-lead, systems/solutions designer, scrum master, product owner, and crunch-time developer.

2013 - 2015

Software Developer, Asset Science LLC, Waterloo ON

- Took over development of an embedded SD Card data sanitization system, taking it from prototype to product. (C, Java)
- Performed bring-up of various STM32 based product prototypes. (C)
- Other generalist duties include work with Android, BlackBerry 10, and various internal infrastructure and tooling. (C/C++, Java, Python)

2012 - 2013

Applications Software Developer, BlackBerry, Waterloo ON

 Various maintenance and feature development tasks for the Music, Videos, and Pictures applications for the BlackBerry 10 system software. (C++, Qt)

2009 - 2012

Embedded Systems Software Developer, Research In Motion, Waterloo ON

- Various maintenance and feature development pertaining to RAM, oneNAND, SD Card/MMC, and FAT File System.
- Responsibilities included memory drivers and tools for the secure boot loader, the proprietary RTOS, and various manufacturing and debugging tools used internally.

Education 2006 – 2010

Software Engineering Technology (OAD), Conestoga College ITAL, Kitchener ON

◆ Completed (3.7/4.0 GPA)