

## Contact

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## Top Skills

Mobile Applications

Ruby on Rails

Ionic Framework

# Dale Zak

Veteran mobile developer that was building and designing mobile apps, before mobile apps were cool.

Saskatoon, Saskatchewan, Canada

## Summary

I am a senior software developer and architect with over 15 years of experience building and designing mobile and web apps.

I began developing mobile apps back in 2003 when the first generation of smartphones were just being released, long before iOS or Android even existed.

Since then I've helped corporate clients, nonprofit organizations and UN agencies develop mobile apps to gather data, engage their community or empower citizens using mobile technology.

The same mobile design principles I learned in those early days like utilizing limited screen space and handling unreliable connections still apply even more today, and continue to help me build world class mobile applications.

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## Experience

### Ushahidi

Mobile Developer

November 2016 - Present

Developing the mobile app for iOS and Android for the new Ushahidi V3 mapping platform.

### ReliefWeb

Mobile Application Developer

April 2016 - October 2016 (7 months)

Developed the RW Crises mobile app for ReliefWeb, which displays important statistics, news and funding for countries in crisis.

### Whitespace

Co-Founder

September 2011 - September 2016 (5 years 1 month)

Helping assemble teams to help solve local problems by deploying existing solutions, building innovative tools and organizing community events.

### OneStory Inc

Co-Founder

January 2013 - August 2016 (3 years 8 months)

Saskatoon

Crowdsourcing platform to create and share video interviews, allowing organizations or causes to ask questions and collect back video responses from their community.

### Apps4Good

Co-Founder

August 2008 - December 2015 (7 years 5 months)

An alliance of software developers that build iPhone applications to improve their community.

### World Bank Group

Android Developer

January 2015 - June 2015 (6 months)

Developed an Android application for gathering education data in the Philippines.

### Ushahidi

Mobile Developer

July 2010 - July 2013 (3 years 1 month)

Nairobi, Kenya

Mobile developer with the Ushahidi core team creating the Ushahidi iOS mobile app.

### ReliefWeb

Software Consultant

December 2012 - March 2013 (4 months)

Designing and prototyping mobile app to allow humanitarian workers to checkin to a disaster.

### United Nations OCHA

Software Consultant

November 2011 - August 2012 (10 months)

Helping design and development mobile solutions for UNOCHA to aid in humanitarian response efforts.

### Global Viral Forecasting Initiative

Android Developer

October 2010 - April 2012 (1 year 7 months)

Development of an Android application for collection of sample and survey data on the mobile device to replace existing paper forms.

### MindSea Development Inc.

Mobile Software Developer

June 2010 - November 2010 (6 months)

Halifax, Nova Scotia

Member of the MindSea development team helping build iPad and iPhone applications.

### FrontlineSMS

Software Developer

August 2010 - September 2010 (2 months)

Developing FrontlineSMS plugin to allow offline mapping and submission of incident reports via FrontlineForms.

### FrontlineSMS:Medic

Software Developer

July 2010 - August 2010 (2 months)

FrontlineSMS plugin developer for mapping and information gathering via sms using Thinlet and Hibernate frameworks.

### Extraordinaries

Mobile Software Developer

January 2009 - March 2010 (1 year 3 months)

San Francisco, California

Senior software developer helping develop the micro-volunteer platform including development using XCode, Objective-C, iPhone SDK, PHP and Zend Framework.

### RTI International

Mobile Software Developer

September 2009 - January 2010 (5 months)

Adding additional features to Windows Mobile application including improved mapping capabilities for Ushahidi deployment in El Salvador.

### Ushahidi

Mobile Software Developer

January 2009 - December 2009 (1 year)

Nairobi, Kenya

Developed Windows Mobile application for Ushahidi to allow gathering of incident reports in a disconnected state and upload once the internet becomes available.

### Metaworks

Mobile Software Developer

March 2009 - August 2009 (6 months)

Halifax, Nova Scotia

Developing Windows Mobile application for Metaworks' Mantis data collection and reporting system using Visual Studio 2008, C# and Compact Framework 3.5.

### VendAsta Technologies Inc.

Mobile Software Developer

February 2008 - November 2008 (10 months)

Saskatoon, Saskatchewan

Part of the VendAsta team that developed a disconnected mobile inspection system for Ritchie Bros, using Microsoft .NET 3.5, C#, WPF, LINQ, XML and Windows Mobile 6.

### Pitney Bowes

ASP.NET Software Developer

July 2007 - February 2008 (8 months)

Developed VB.NET/ASP.NET portal web application for Pitney Bowes which interfaced with serial port to read weight scale data and generation of Code128 barcodes.

### Dexterra

ASP.NET & Javascript Developer

February 2007 - April 2007 (3 months)

Bothel, Washington

ASP.NET developer helping improve map routing functionality for Dexterra dispatching software, using Visual Studio, C#, Ajax and javascript.

Point2 Technologies

Programmer / Analyst

January 2003 - December 2006 (4 years)

Saskatoon, Saskatchewan

Project manager coordinating team of four developers to architect, design and test disconnected multi-lingual, multi-user mobile application using Visual Studio, XML, C#, .NET Compact Framework 2, Windows Mobile 5 and Oracle Lite.

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## Education

University of Saskatchewan

Honours Degree, Computer Science Software Engineering · (1998 - 2003)