

# Adrian Kosmaczewski

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Adrian Kosmaczewski is an accomplished software developer, a published writer, and developer advocate with 23 years of professional experience. He is the author of books about software development, and has shipped mobile, web and desktop apps since 1996.

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47 years old • Swiss National (Genève-Ville GE, Basel Stadt BS)

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Languages: French & Spanish (mother tongues), English (C2), German (B2), Italian (C1)

Resume: <https://akos.ma/resume> (also in **PDF**, **MS Word** & **LibreOffice** formats)

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## Recent Experience

- VSHN** Since May 2019  
Developer Relations specialized in Kubernetes and OpenShift solutions.
- Vilea** January 2018 – August 2018  
Senior Software Engineer developing mobile app and cloud solutions for various clients (Swiss Air Lines, Swisscom, Swyx, Schindler) in iOS and .NET Core.
- AKOSMA** January 2017 – December 2017  
Providing training services for mobile software developers on the following subjects: Android for iOS Developers with Kotlin; iOS Development with Swift; Mobile Web Application Development with JavaScript; Mobile Application Testing for Android and iOS.
- Previously** September 1997 – Today  
Professional software engineer with project management experience. Find out more in LinkedIn: <https://linkedin.com/in/akosma>

## Education

- MSc IT** Master of Science in Information Technology with a specialization in Software Engineering, University of Liverpool, 2006-2008. Graduated with distinction. Thesis: "Cross-platform UML editor in C++."

## Certifications

- Red Hat** Red Hat Sales Specialist - Red Hat Certified Cloud and Service Provider (CCSP), 2019.

<b>Artificial Intelligence</b>	Mathematics for Machine Learning: <b>Linear Algebra, Multivariate Calculus</b> . Imperial College London, 2019.
<b>Writing</b>	Crafting an Effective Writer: Tools of the Trade (Fundamental English Writing). Mt. San Jacinto College, 2014. With distinction.
<b>Scrum</b>	Certified Scrum Master, Scrum Alliance, 2010.

## Technical Experience

<b>Cloud Native</b>	DevOps: Docker, Kubernetes, OpenShift, Amazon Web Services. Serverless: OpenFaaS, Fission, Knative.
<b>Programming Languages</b>	Go for cloud native app development. Swift, Objective-C, Kotlin and Java for mobile app development. F#, C#, TypeScript, and PHP for backend application development. Python for machine learning. Further experience with: C++, Ruby, Lua, and more.
<b>Software Engineering</b>	Continuous integration: Jenkins, TeamCity, GitLab. Relational database engines: SQL Server, MariaDB, PostgreSQL, SQLite. Web backend: Rails, Slim, ASP.NET Core, Express. IDEs: Visual Studio Code, Vim, Emacs, CLion, PyCharm.
<b>Open Source</b>	<b>Conway</b> : An implementation of Conway's Game of Life in 20 programming languages. <b>SwiftMoment</b> : A time and calendar manipulation library for iOS 9, macOS, tvOS, & watchOS written in Swift. <b>nib2objc</b> : Set of tools and utilities (command line, GUI, Mac Service) to transform NIB files for the iPhone into Objective-C code files. <b>Featured in Ars Technica</b> and several publications.

## Writing & Public Speaking

<b>Writer</b>	<p>“<b>Mobile JavaScript Application Development</b>” – O'Reilly, 2012.</p> <p>“<b>Sencha Touch: Up and Running</b>” – O'Reilly, 2013.</p> <p>“<b>Rogelio Suárez y La Vida Peligrosa</b>” – self published, 2017.</p> <p>“<b>Android for iOS Developers – Kotlin Edition 2018</b>” – self published, 2017.</p> <p>“<b>Tales Of Editors &amp; Keyboards: A Personal Introduction To Vim &amp; Emacs</b>” – self published, 2018.</p> <p>“<b>De Programmatica Ipsum</b>” – a monthly publication about human issues around software engineering, since October 2018.</p>
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**Public Speaker** “A Decade of iPhone & iOS in 40 minutes” at UIKonf 2018, Berlin, Germany, May 2018.

“Developer Guide to Migrate Accross Galaxies” at App Builders 2017, Lausanne, Switzerland.

“Being A Developer After 40” at App Builders 2016, Zürich, Switzerland; Mobile Developer Summit 2016, Bangalore, India; MiXiT 2017, Lyon, France.

Videos and transcripts available at [https://akos.ma/about#\\_speaking](https://akos.ma/about#_speaking)

Slides available at <https://speakerdeck.com/akosma>

**Writing Tools** AsciiDoctor, Markdown, Pandoc, LaTeX.