

Adrian Kosmaczewski

Adrian Kosmaczewski is an accomplished software developer, a published writer, and a trainer with 22 years of experience. He is the author of books about software development, and has shipped mobile, web and desktop apps since 1996.

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+41 (78) 739 47 76 • 45 years old • Swiss National (GE, BS).

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

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

Education

- Artificial Intelligence** Mathematics for Machine Learning: [Linear Algebra](#), [Multivariate Calculus](#). Imperial College London, 2019.
- Writing** Crafting an Effective Writer: Tools of the Trade (Fundamental English Writing). Mt. San Jacinto College, 2014. With distinction.
- Scrum** Certified Scrum Master, Scrum Alliance, 2010.
- MSc IT** Master of Science in Information Technology with a specialization in Software Engineering, University of Liverpool, 2006-2008. Graduated with distinction. Thesis: "Rem – A cross-platform UML editor written in C++."

Recent Experience

- AKOSMA** January 2017 – August 2018
- Providing training services for mobile software developers all over the world on the following technologies: Android for iOS Developers with Java & Kotlin, iOS Development with Swift & Objective-C, Mobile Web Application Development with JavaScript, Mobile Application Testing for Android and iOS.
- Vilea** January 2018 – August 2018
- Senior Software Engineer developing mobile and cloud solutions for various clients (Swiss Air Lines, Swisscom, Swyx, Schindler) in iOS and .NET Core.
- Previously** September 1997 – Today
- Professional software engineer with project management experience. Find out more in LinkedIn: <https://linkedin.com/in/akosma>.

Technical Experience

- Open Source**
- SwiftMoment:** A time and calendar manipulation library for iOS 9+, macOS 10.11+, tvOS 9+, watchOS 2+, Xcode 8 written in Swift 3.
 - nib2objc:** Set of tools and utilities (command line, GUI, Mac Service) to transform NIB files for the iPhone into Objective-C code files. Featured in Ars Technica and several publications.
- Github account: <https://github.com/akosma/>
- Programming Languages**
- Objective-C** and **Swift** for iOS and macOS development.
 - Java** and **Kotlin** for Android development.
 - JavaScript** for backend, web and mobile application development.
 - C#, F#,** and **PHP** for backend application development.
 - Python** for Artificial Intelligence tasks.
- Software Engineering**
- DevOps: Docker, Kubernetes, Amazon Web Services.
 - Continuous integration: Jenkins, TeamCity, GitLab.
 - Further experience with: C++, Ruby, Lua.
 - Relational database engines: SQL Server, MariaDB, PostgreSQL, SQLite.
 - Web backend: Rails, Slim, Django, ASP.NET Core, Vapor, Express.
 - Web frontend: Vue, Mocha, Chai, Sinon, Ext JS.
 - Cross-platform mobile frameworks: Ionic, React Native.
 - IDEs: Xcode, Android Studio, Visual Studio Code, Visual Studio for Mac & Windows, Vim, Emacs, AppCode, CLion, PhpStorm, WebStorm.
- Writer**
- “Mobile JavaScript Application Development”** – O’Reilly, 2012.
 - “Sencha Touch: Up and Running”** – O’Reilly, 2013.
 - “Android for iOS Developers – Kotlin Edition 2018”** – self published, 2017.
 - “De Programmatica Ipsum”** – a monthly publication about human issues around software engineering, since October 2018.
- Writing tools: Markdown, AsciiDoctor, Pandoc, LaTeX.
- Public Speaker**
- “A Quest For A Better World”** at App Builders, Lugano, Switzerland, April 2018.
 - “Developer Guide to Migrate Accross Galaxies”** at App Builders, Lausanne, Switzerland, April 2017.
 - “Being A Developer After 40”** at App Builders 2016, Zürich, Switzerland; also at the Bangalore Mobile Developer Summit 2016, India, and at MiXiT 2017, Lyon, France.
- Videos and transcripts available at https://akos.ma/#_videos.
- Slides available at <https://speakerdeck.com/akosma>.