

# Rafał Sroka

iOS Developer

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## CONTACT

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## WEB

<https://github.com/r3econ>  
<https://rafalsroka.com/>

## DETAILS

Address: Rotkreuz, ZG, Switzerland  
Born in 1987 (35 y/o M)

## Personal Summary

I have been a full-time software developer since 2010, working on various iOS projects ranging from social networking, photo sharing, audio streaming to shopping, e-learning and transportation apps. I feel best in agile, goal-oriented teams. I am a doer.

## Professional experience

### **Software Developer at eCarUp AG, Rotkreuz, Switzerland**

Oct 2018 - now

I work on iOS apps of the EV charging station management system of eCarUp and its partners. The apps let drivers search for charging stations, activate them and perform various administration tasks.

I took care of the complete rewrite of the apps from Xamarin into Swift, designing and proposing new UI/UX solutions.

If not working on the apps, I help with the maintenance of the admin portal frontend (Angular) and the backend API (.NET, Azure). I managed to secure a \$100k funding from *Microsoft for Startups* program.

#### **SKILLS:**

iOS, Swift, UI/UX Design, Xcode Cloud, Stripe, Angular, C# .NET, REST, GitHub Actions, Azure, ArgoCD, Git

The apps can be found in the App Store.

eCarUp: <https://apple.co/3DAwmlG>, NeoVac: <https://apple.co/3Dc2gNd>

### **Software Developer at AMBOSS GmbH, Berlin, Germany**

Jan 2015 - Sep 2018

I worked on the iOS apps of AMBOSS, e-learning system for medical students and physicians. First app, [Qbank](#), was a question bank composed of exam-relevant multiple-choice questions. Second app, [Knowledge](#), was a knowledge library containing chapters about medical subjects.

I also developed a RESTful backend API (Python) for a new upcoming mobile app and took care of the CI, QA and release of the projects.

#### **SKILLS:**

iOS, Swift, Objective-C, CoreData, Xcode, REST, CI/CD, Scrum, Python Django, Git

The apps can be found in the App Store.

Knowledge: <https://apple.co/3zlmBhU>, Qbank: <https://apple.co/3SDz6MH>

## **Software Developer at The Prestige Publishing GmbH, Berlin, Germany**

Sep 2014 - Dec 2015

I created the iOS app for [DasKochrezept.de](http://DasKochrezept.de) magazine, leading food-related website and print magazine in Germany. The app got featured by Apple in its first week in the App Store. I also developed the iOS app, tvOS prototype, and worked on the backend of YouuBuzz, an infotainment platform that focused on video content.

App screenshots: <https://rafalsroka.com/projects/daskochrezept/>

### **SKILLS:**

iOS, tvOS, Swift, Objective-C, Xcode, PHP, REST, Git

## **Lead Mobile Developer at TrendU Lifestyle GmbH, Berlin, Germany**

Dec 2013 - Aug 2014

I was responsible for everything connected with mobile development at [TrendU](http://TrendU). I worked on the rewrite of the iOS app and took care of the release process. I also managed the QA of the Android project.

The technology was acquired by Hubert Burda Media and I joined their daughter company - The Prestige Publishing.

App screenshots: <https://rafalsroka.com/projects/trendu/>

### **SKILLS:**

iOS, Objective-C, Core Animation, Xcode, Git

## **Lead iOS Developer at MD Digital Mobility GmbH & Co. KG, Berlin, Germany**

Dec 2012 - Nov 2013

I worked on customer and driver iOS apps of [myDriver](http://myDriver) (Sixt). I led the iOS team and took care of refactoring of the legacy codebase, adding new features and introducing new design. I was also responsible for maintaining Jenkins CI server running unit tests.

myDriver app featured in a marketing video: <https://youtu.be/irFuGCrpFks>

App screenshots: <https://rafalsroka.com/projects/mydriver/>

### **SKILLS:**

iOS, Objective-C, Xcode, Jenkins QA, JIRA, Git, Scrum

## **Software Developer at Igobubble Limited, Berlin, Germany**

Feb 2012 - Dec 2012

I worked on the client and server side of *igobubble*, social networking app. I spent most of the time developing the iOS app (Obj-C/C++). I also worked on the backend API (C# .NET, MSSQL). The team was small and cross-functional. I had to deal with all aspects of the creation and maintenance of the social networking app/backend.

App screenshots: <https://rafalsroka.com/projects/igobubble/>

### **SKILLS:**

iOS, UIKit, Objective-C++, C# .NET, Xcode, Instruments, Gimp, JIRA, Chipmunk Physics

### **iOS Developer at Norbsoft Sp. z o.o., Cracow, Poland**

Jan 2010 - Feb 2012 (2 years, 2 months)

I worked on a variety of iPhone/iPad projects (10+) including server & database integration, audio streaming, OpenCV face recognition, OpenGL ES, maps, online shopping, Facebook integration and others.

I was responsible for everything connected with iOS development at Norbsoft. Majority of the apps were done entirely by me. I was responsible for the architectural design, setting up the UI and testing.

#### **SKILLS:**

iOS, Objective-C, C/C++, Xcode, Instruments, Gimp, JIRA, Mantis, SVN, Git, Flurry

### **C++/Python Developer at softDVB-T open source project coordinated by Delphi, Cracow**

Nov 2009 - Sep 2010 (11 months, side project)

I developed two blocks of the software DVB-T modulator. The architecture was based on the concept of software defined radio. The project utilised GNU Radio software development toolkit (C++/Python) and USRP2 hardware platform.

Blocks I coded were securing the data stream from the errors (Reed-Solomon Convolutional Coder and Inner Interleaver).

#### **SKILLS:**

C++, Python, GNU Radio, DVB-T

### **Android Developer at INSIGMA project, Cracow**

Jan 2010 - Mar 2010 (3 months, side project)

INSIGMA stands for Intelligent System for Global Monitoring Detection and Identification of Threats. I took part in the development of the threat monitoring system.

I wrote client-server communication part of the Android app that allowed for identifying suspects using data obtained from the external server.

#### **SKILLS:**

Android, Java, Eclipse

## Education

### **AGH University of Science and Technology in Cracow**

Master of Science, Electronics and Telecommunications, 2006 - 2011

Specialisation: Networks and Services

Master's thesis title: *Analysis of multi-rate mode of IEEE 802.11 EDCA wireless networks using ns-3 simulator.*

The thesis is available for download at [http://bit.ly/rsroka\\_thesis](http://bit.ly/rsroka_thesis)

## Publications

### **Technical Reviewer of Swift Game Development: Learn iOS 12 game development using SpriteKit, SceneKit and ARKit 2.0**

Packt Publishing Ltd, Jan - Apr 2018 (4 months)

I provided iOS expertise as a technical reviewer and worked on chapter reviews and code QA during development process of a game development related book.

The book is available on Amazon: <https://amzn.com/dp/1788471156>

### **Developer Advisor**

StackOverflow, May 2010 - Present

I'm active on StackOverflow, helping the developer community. I earned multiple gold badges including the golden iOS badge. My reputation as of 10.2022 is **38.9k** (top 0.6% of all users).

Link to my SO profile: <https://stackoverflow.com/users/348796/>

## Certifications

- **Professional Scrum Master™ I (PSM I)**  
Scrum.org - May 2022
- **Professional Scrum Product Owner™ I (PSPO I)**  
Scrum.org - Aug 2022
- **Cisco Certified Network Associate 4.0 (CCNA)**  
Cisco Systems - valid to Nov 2013
- **Microsoft Certified: Azure AI Fundamentals**  
Microsoft - Sep 2022
- **Microsoft Certified: Azure Data Fundamentals**  
Microsoft - Oct 2022

Certificates can be verified on: <https://www.scrum.org/user/538225/>  
<https://www.credly.com/users/rafsroka>

## Languages

English (C2), Spanish (B2/C1), German (B2), Polish (Native)

## Interests

UFOs, climbing, languages, fitness, artisan bread and pizza baking