PERSONAL INFORMATION Daniel Stefan Mihai

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WORK EXPERIENCE

09/2021–Present Senior iOS developer

Open Romania, Bucharest (Romania)

09/2021 - 07/2022 Natixis -Restaurant and Gift cards application
- platform to manage restaurant and gift cards
- create, view, block cards, check balance, get rewards
- Objective C, Swift, iOS SDK

07/2022 - 10/2023 Swizi - Space as a service application
- platform to manage your work office experience
- book a workspace slot, check the calendar, get directions using indoor maps, view points of interests around, verify public transport options, check the news, get notified of important events
- Swift, SwiftUI, various 3rd party libraries

10/2023 - 02/2024 Decathlon Connect - smart watches management application
- platform to connect and manage your smart watches and bands
- retrieve and synchronise device data: health, sleep and various sport activities, present them in a more useful manner, filters, reports
- Swift, iOS SDK, bluetooth connections and 3rd party libraries to interact with the physical devices

07/2012–09/2021 Lead mobile developer/Team lead

Throwpoint, Bucharest (Romania)

Develop the World Economic Forum TopLink - Official App on mobile platforms (iOS and Android, updated to Forum Live). The application is

- a personal agenda extensively used by participants during events organised by World Economic Forum, allowing them to manage everything they need from registration to participate to discussions, bilateral meetings, private messaging and so on. Plus

- a fully featured professional social network, containing, but not limited to, all features that major social networking platforms have, allowing people to interact on various topics of interest, create global communities or stay in touch with relevant information based on their needs
- Objective C, Swift, iOS SDK, various 3rd party libraries
- Java, Kotlin, Android SDK, Jetpack Compose, various 3rd party libraries

02/2020–06/2020 Lead iOS & Android Developer, product manager - Project Based

LucianMustata&Partners, Bucharest (Romania)

Design, create, implement, develop Gogogoro startup project - a tourism platform where travel agencies, guides and tourists get together for a fully featured tourism experience, from the point of searching for a travel destination to the end of the trip.
- Swift, iOS SDK, various 3rd party libraries
- Kotlin, Android SDK, various 3rd party libraries

02/2016–11/2017 Senior iOS &Android Developer - Project Based

RINF, Bucharest (Romania)

Maintenance, bug fixing, feature integration for iOS and Android applications developed for various german dermatology&medical companies

01/2016–10/2016 **Lead Android Developer**

Throwpoint, Bucharest (Romania)

Develop the official World Economic Forum Knowledge app on Android.

Designed for WEF participants for the moment but planning to be available for the large public in the future, the app has it's core in the topics of discussions for WEF Events. It integrates machine generated articles got from the most important press agencies worldwide, and makes them available on subjects of interest adapted to every user (it shares credentials with the Event app and constructs the content based on participant's profile).

02/2010–06/2012

Software developer on mobile platforms (iOS, Android, Symbian)

Belersoft, Bucharest (Romania)

Various iOS and Android applications. Some of them are listed below

- 12 Dictionnaires Mediadico
iOS application for the most popular dictionary in France.

- JeuxVideo.com
iOS application for the most important web site dedicated to video games in France, containing almost all the features available on www.jeuxvideo.com

- Secrets des prénoms
iOS application which uses an SQLite database to present a detailed list of names and description for them

- iSportBeeper
iOS application - a sports chronometer to be used by athletes. The device emits a beep at regular time intervals, helping them to synchronize their run. Game loop engine used to achieve demanded precision

- World Congress of Dermatology 2011 Guide
Android, Simbian Application designed on all important mobile platforms that day, designed to help participants manage their experience on-side

- Youzzers
A professional social network, I was part of the team which developed the web site first, and then started to develop the app for Android. Don't know what happened with the app, since I left the project before the Android app was done

- Innéov
iOS presentation application for a large medical company, presented at World Congress of Dermatology 2011. Lots of features of the applications are designed in OpenGL ES

- SpeedTaxi
iOS application for ordering a taxi straight from iPhone. A custom protocol is implemented, and the communication between the phone and the dispatcher is made using sockets (C++ implementation).

- MakeUpForEver
Android application for presenting MakeUpForEver products. Contains informations about products, gallery views, maps where stores are available, short movies about makeup and how to do it in a professional way, also ways to share a specific makeup product using email or on social networks

- Publicis Groupe
iOS and Android application - a presentation app integrating features like localisation, navigation, video streaming, news feed and so on

05/2006–06/2010	**Software Developer**
	Monitoring Media, Bucharest (Romania)
	Implement a client server(network based) desktop application internally used to introduce data and generate reports. C/C++, Java

EDUCATION AND TRAINING

01/10/2011–01/07/2013	**Master in "Advanced Techniques in Computer Graphics and Virtual Reality"**
	Faculty of Automatics and Computer Science, Polytechnical University of Bucharest, Bucharest (Romania)
	Dissertation thesis not sustained yet

| 01/10/2004–01/07/2009 | **University degree in "Computer and Systems Engineering"** |
| | Faculty of Automatics and Computer Science, Polytechnical University of Bucharest (2004 - 2009), BUCURESTI, Bucharest (Romania) |

01/09/2001–01/06/2004	**Fratii Buzesti National College - Craiova**
	- multiple prizes at local &national scholar competitions in informatics
	- lots of small personal projects (file explorers, small windows games, archivers, web sites, etc) in Pascal, C, Delphi

JOB RELATED SKILLS

Specialties:
- iOS & Android SDKs
- Objective C, Swift, Java, Kotlin, SwiftUI, Jetpack Compose
- 3rd party libraries: Maps, Map Clustering, Zoom, Amazon Chime - video conference, Sendbird - message provider, Firebase, Mapbox - indoor maps, Alamofire,Realm, GeojsonKit,Room, Resolver, PromiseKit, etc

Medium or limited experience
- C/C++
- ASP.Net, html, Javascript
- C#
- SQL
- Python
- Pascal, Delphi

Usability and tools
- Git
- Jenkins, Jira, Confluence
- Photoshop, Illustrator

Worth to mention
- Strong knowledge of algorithms and algorithmic complexity.

From standard(deterministic) algorithms to the more fancy

ones: genetic, learning

FOREIGN LANGUAGES

- English - C1
- French - B1/B2