

Andrei Sorin Blaj

iOS Software Engineer

andrei-blaj.com | Github | LinkedIn

EDUCATION

**Bachelor's Degree
Computer Science**
Graduated July 2019
Cluj-Napoca, RO

**High School Diploma
Romanian Baccalaureate**
Graduated July 2016
Zalău, RO

SKILLS

Swift, SwiftUI
iOS & UIKit
WatchOS
Objective-C & C++
Firebase
Github
Algorithms
Data Structures
Photo Editing
Video Editing
UI/UX Design
System Design
HTML, CSS & JavaScript

AWARDS

Bronze Medal
National Olympiad of
Informatics, 3 attendances
4th Place
Inter County contest of
Mathematics and Informatics
**C1 Certificate in
Advanced English**

ABOUT ME

With over 7 years of experience in developing iOS applications for global clients and over 10 years of expertise in algorithms and data structures, I am adept at adapting to new technologies and design patterns. I stay up to date with the latest iOS trends and have a preference for building applications programmatically, designing UIs and paying attention to detail. I am constantly seeking new challenges.

WORK EXPERIENCE

TARS Technologies LLC | Founder
Apr 2024 - Present
Crafting tomorrow's apps, today!

Using cutting edge technologies and frameworks to provide the best and most up to date iOS applications while also focusing on client and user needs. Pixel perfect is an understatement when it comes to the attention to detail the users will feel. Backed by hundreds of thousands of downloads, top apps and loyal users I'm confident the next app will not fall short!

Google | Bay Area, California, US | Hybrid
Nov 2020 - Apr 2024

Software Engineer, iOS Applications working on Youtube Shorts, moving YouTube forward into the next generation via a streamlined watch and engagement experience, using C++ & Objective-C.

Building the future of Google Maps iOS, for the current and next generation of users, through innovation and stewardship, using Objective-C.

Take Off Labs | Cluj-Napoca, RO | Remote
May 2020 - Nov 2020

Worked closely with the United States Golf Association on their product called **GHIN**. Constantly creating and deploying new functionalities every couple of weeks to users all across the United States to improve their golfing experience. My main responsibility is iOS but I often provide assistance and suggestions in order to improve the UX. I've dealt a lot with memory management and threading.

FAMILIAR WITH

VisionOS
Java
Python
PHP
VAPOR

INTERESTS & HOBBIES

Singing
Songwriting
Sports
Music Production
Video Production
Guitar
Piano

ELIGIBILITY

Green Card
Permanent Resident

Take Off Labs | Cluj-Napoca, RO

Oct 2017 - Nov 2019

During my time here my main responsibilities varied from iOS development in Swift & Objective-C to server side development in Ruby On Rails. The main product that I worked on is called Golf Genius. From an architectural stand point the apps were written using MVC and VIPER. I also gained a lot of experience working with other colleagues on different projects and features that were deployed to hundreds of thousands of customers worldwide.

Endava | Cluj-Napoca, RO

Jul 2018 - Aug 2018

Took part in a 5 week iOS Internship where I experienced working in a team to create a project on a tight deadline in sprints using Swift.

FREELANCE EXPERIENCE

Tablefy | Berlin, DE | Remote

May 2020 - Jul 2020

Received an offer to update an existing app to the latest Swift version, fix issues, create new features and deploy it to the App Store.

go2Lunch | Berlin, DE | Remote

Jul 2020 - Sep 2020

Received an offer to add new features to an existing app and deploy it to the App Store.

PERSONAL PROJECTS

App Store Card Transition - Webinar

I recorded and produced an iOS webinar held by a Career Fair in Romania. In the 60 minutes that I had, I implemented and explained how to create the custom card transition featured on the Apple App Store and more. Watch it [here](#).

T-Minus – Space Launch Tracker #67 in News in the US

T-Minus is a top-rated iOS / WatchOS application for tracking space launches, events, and news in the industry. It provides users with access to information from SpaceX, ULA, NASA, and more. The app's third version was built entirely programmatically, using **Swift**, **SwiftUI**, and **Objective-C**, without storyboards. The VIP (refactored from VIPER) design pattern is prominently used, with animations and transitions similar to those found in leading apps on the App Store. The app offers several features such as the ability to customize the app icon, UI appearance, filters, haptics, video quality, light/dark mode, iOS 14 widgets, and more.

T-Minus Website • t-minus.space

A landing page specifically created for the T-Minus iOS app in order to promote its features and capabilities.

CineMine #2 in Entertainment | Top Ten Apps in Saudi Arabia

With over **350,000** downloads worldwide, CineMine represents my bachelor's thesis. Its main purpose was to simplify the amount of time it would take someone to purchase a ticket to see a movie but eventually turned into a much bigger project. Using the Movie Database API it allows users to create accounts, follow their friends, add movies & TV shows to their watchlist, monitor every detail and switch directly to streaming applications on your phone to start watching.

Company Administator

A web and mobile application which enables entrepreneurs with multiple teams to better supervise them while on the field, built using Ruby on Rails, HAML, Bootstrap and Swift.

Portofolio Website • andrei-blaj.com

A web version of my portfolio written in HTML, CSS and JavaScript and deployed using Github Pages.

