Swift / iOS, macOS , visionOS Developer

Zakarya TOLBA

PROFILE

Passionate about the latest technologies, I am keen to further my professional experience in programming.

I easily adapt to various IT environments & platforms.

Fluent in English, both spoken and written. (Scored **935** on the TOEIC in 2019)

Enjoy team work and project completion, attentive to detail.

INTERESTS

Sandbox & VR, cycling, new mobile technologies, AI, IoT, software & hardware news

CONTACT

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zakarya.tolba@icloud.com

EXPERIENCE AND PROJECTS

august 2024 - Today

- **visionOS & XR Developer @ Novelab - Mantu Lyon**

  Developer for diverse clientele: Built three native visionOS proof-of-concept apps: Vehicle Showcase, Turbine Viewer, and Ceramics Viewer—using RealityKit and Reality Composer Pro. Developed Goetia Academy, a cross-platform game for Meta Horizon Worlds (mobile and Quest VR). QA tester on Spirit Sling XR by Novelab. Continued work for Amaris clients, including Nestlé and Octory

  Swift, SwiftUI, RealityKit, Reality Composer Pro, TypeScript, React Native, Horizon Worlds, VR/AR testing, Fastlane, AppKit

february 2022 - august 2024

- **iOS & macOS Developer @ Seven Circles - Mantu Lyon**

  Developer for diverse clientele: Managed maintenance on three iOS apps, two iPadOS apps, Octory - macOS app used by multiple large companies. Participated in the development of a project and a design system from scratch, and oversaw CI/certificate management for several macOS & iOS apps for global clients

  Swift, SwiftUI, UIKit, CoreData, SwiftCharts, Beta Software maintenance, Gitlab CI, Fastlane

oct 2020 - feb 2022

- **Developer @ BO INFOCOM - Lyon**

  Developed the solution & showcase website for BO Web Estate: cloud platform, hosting, domain names & emails.

  Symfony 5, PHP & API Nextcloud, Namebay, Stripe, Zimbra

oct 2020 - april 2021

- **Project YDAYS iOS Application « Y'Menu » - YNOV Lyon**

  Project manager & developer of an augmented reality application for restaurants

  Swift & SwiftUI, ARKit 4, Photogrammetry, Meshroom, Reality Composer/Converter

feb 2020 - july 2020

- **Intern Developer @ NOMENDUM - Lyon**

  Design, implementation, and testing of an React Native application to manage the activities of the training center EDUMOTIV

nov 2019 - april 2020

- **Project YDAYS Mobile Application « Shok'o » - YNOV Lyon**

  iOS development for the profile page & order validation

  Swift, MVVM Architecture & Framework RxSwift

EDUCATION

2022 2020

- **Master's Degree in Computer Science (Two years) - YNOV Lyon (Ingésup)**

  Computer Science and Information Systems Expert – RNCP35078 – Level 7 – NSF 326

2020 2019

- Bachelor's Degree Year 3 in Computer Science - YNOV Lyon (Ingésup)

  Specialization in Web Technologies

2019 2017

- BTS in IT Services for Organizations - ICOF

  Specialization in Software Solutions and Business Application

2017 2015

- STI2D High School Diploma (Honors) - Lycée La Martinière Diderot

  Specialization in Software Solutions and Business Application

SKILLS