João "Jay" Pires

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GitHub: https://github.com/joaoc-pires | **Personal Website**: https://joaopires.com

Introduction

Native iOS Developer with over 8 years of experience, driven by the aim to develop intuitive mobile applications aimed at addressing everyday challenges. Hard working, independent, and reliable, with a proven track record of building performant and lightweight applications that help solve real life problem users have.

Curently looking to work in a more international market in order to keep improving.

Experience

Cortado Mobile Solutions — iOS Developer
📝 11/2019   📍 Remote, Berlin, Germany

- Took ownership of ThinPrint macOS App maintenance within an agile cross-functional team;
- Developed and maintained the Cortado, Ezeep Blue, and Teamplace apps within an agile multi-functional team;
- Increased Unit Test coverage in the Cortado app and Ezeep Blue app to >85% and >70% respectively;
- Increased UITest coverage in the Cortado app to >40%;
- Removed *virtually* all traceable memory leaks in the Cortado and Ezeep Blue apps;
- Implemented IAP, and native login in the Teamplace App, the later taking advantage of Apple's Keychain;
- Reworked both Cortado and Ezeep Blue apps to be have the business logic be platform agnostic and in a separate module;
- Migrated over 5000 lines of Objective-C code in Teamplace to Swift;
- Implemented the Scan Document feature in Ezeep Blue app using native APIs to create a file and print it;

Next Reality — Junior iOS Developer
📝 05/2018 – 10/2019   📍 Lisbon, Portugal

- Colaborated on the initial project for the Best Bank v4;
- Maintained the Objectiv-C code of the Best Bank v3 app;
- Replaced the Unity/Vuforia in favour of Apple's ARKit and Firebase MLKit to scan labels and barcodes respectively;
- Refactored the DECOVinhos app, updating its old codebase from Swift 2 to Swift 4.2;
- Refactored the VisitAR app removing all Objective-C code;
- Developed and maintained the H2O Quality app within a multi-functional team;
- Developed the initial release of the myCNAIM app within a multi-functional team;

Education

Bachelor in Computer Engineering
Universidade Autónoma de Lisboa
📝 2017 - Current   📍 Lisbon, Portugal

Informatics Applied to Business (EQF Level 4) (UK A-Level equivalent)
Salvaterra de Magos Professional School
📝 2001 - 2004   📍 Lisbon, Portugal

Personal Projects

Ares
An exemplary RSS Reader, embodying excellence in its functionality. Historically, undertook annual rewrites as a strategic measure to remain aligned with the latest APIs from Apple.
Technologies: CoreData, CloudKit, Realm, SwiftUI, SPM, XML, HTML, JavaScript

Rede
A weekend endeavor born out of the frustration of perpetually uncertain train arrivals at Portugal's historic stations.
Technologies: SwiftUI, SPM, RESTFul

Technical Skills

iOS Development
UI/UX Integration   API Integration
Native Mobile Development
Agile Methodologies

Soft Skills

Flexibility   Time Management
Team Worker   Detail Oriented
Self-Learner   Strong Communication
Empathy   Giving/Receiving feedback
Problem Solving   Client Oriented

Technologies

Swift SwiftUI SwiftData CoreData
CloudKit Realm SPM UIKit Xcode
VisionKit Objective-C PDFKit
MapKit BackgroundTasks TipKit
StoreKit WebKit ARKit XML HTML
JavaScript Lua CSS Firebase
RESTful Python VBA Git

Languages

Portuguese	Native
English	C2
Spanish	B2

Courses

Lean Six Sigma Green Belt
📝 2018 📍 Universitat Politècnica de Catalunya
Course to lead improvement projects based on the Six Sigma Methods