

VOJTECH VRBKA

Swift Contract Developer



CONTACT

London, UK

vojtech@vrbka.me

<http://vrbka.me>

<https://linkedin.com/in/vrbka/>

TECHNICAL SKILLS

Languages

Swift (4), Objective-C (3), SQL(3), PHP (3), HTML(3), JavaScript (2), Java (1), Python (1), NodeJS (1)

Technologies

Reactive programming (ReactiveKit), FP, OOP, TDD, BDD, Unit Tests, UI Tests, Snapshot testing, RESTful web services, Debugging, Profiling

Libraries

ReactiveKit, Bond, Alamofire, Socket.IO, Standard Swift SDK, Carthage (package manager)

Databases

CoreData, SQLite, MySQL

Integrated services

Bitrise CI, Swiftlint, XCode Bots and fastlane (CI), Fabric (Crashlytics), Mixpanel, Instabug, UXCam

ABOUT ME

I am a London based Senior Swift Contract Developer with seven years experience in developing iOS apps and MSc in Computer Science.

I am a solutions-focused developer with a focus on simple, sleek and user-friendly solutions. iOS apps are my passion - I strive for developing easy to use and thought through apps that deliver a simple interface and enjoyable user experience.

I proficient in managing and delivering full application lifecycle:

- Setting up new projects and choosing the appropriate architectural patterns, using reactive and functional or programming whenever possible (I delivered a lot of projects using OOP);
- Working closely with backend team on designing backend APIs or using existing APIs;
- I always ensure a strong focus on app security - certificate pinning, strong authentication model - and app user privacy (having developed e-commerce apps and banking apps);
- Working closely with UX/UI designers to ensure the design is functional, user-friendly and reflects the company image;
- Using agile development practices such as Scrum, TDD and BDD;
- Testing the code with unit, UI and snapshot tests to ensure the stability of the app;
- Adding continuous integration to automate testing and build distribution;
- Profiling and debugging app to optimise app performance and to track app crashes;
- Publishing apps on the Appstore and making sure all Apple requirements are met.

I am highly committed and hardworking individual that prioritises user experience, simplicity, project delivery and app content.

I am currently looking for iOS Swift Developer Contract role where I can apply and further develop my skills and knowledge.

I can provide excellent references from my previous work experiences.

EXPERIENCE

Fitzdares Ltd.

London

10/2017 - 04/2018

Senior Swift Developer

Fitzdares is a private bookmaker for high rollers allowing users to place sport bets.

Greenfield swift project that I led and took ownership of. I chose to use MVVM architecture with reactive and functional programming to create readable, easily expandable and highly testable code.

- Ensured that the classes are decoupled as much as possible;
- Used TDD approach to develop new features and achieved total project test coverage to around 80%;
- Used state machine for navigation between different screens of the app;
- Implemented a continuous integration using Bitrise CI;
 - It automatically runs tests on pull requests and sends results to Github pull request page. Only PRs passing the tests (tests, swift lint, code coverage) can be merged in.
 - Pushes to master/develop branches create a build and send it to iTunes.

The project is not on Appstore and was abandoned due to company restructure.

Firefly Exp. Ltd.

London

04/2015 – 09/2017

Senior Swift Developer

Firefly is a travelling App that enables users to plan and track every step of their trips and explore places of interest around them.

Greenfield swift project that I was part of the development team.

- Developed a highly customised user interface with customised animations and use of Core Graphics;

LANGUAGES

English (C2)
Czech (Native)
European-Portuguese (B1)

INTERESTS

Self-learning new programming approaches and methodologies
Cryptocurrencies
Cycling
Skiing and Snowboarding
Travelling (preferably somewhere sunny!)

REFERENCES

Available upon request

- Used customised maps (Mapbox) to present the user's captured trails and points of interest;
- Supported the designing of the App's architecture, which was MVVM with reactive programming;
- Implemented CI using onsite Mac Mini server:
 - I used Xcode Bots and Fastlane to make nightly builds, run tests and automatically create release builds;

Velocity

London
09/14 – 04/2015

Lead iOS Developer

Velocity (previously known as **Uncover** in 2014/15) is a swift app that allows a user to book last-minute reservations at the most desired London's restaurants. The app is highly successful, with hundreds of thousands of downloads and a growing number of loyal users. Velocity was featured multiple times by Apple as Best New App and Best Food App.

- Took ownership of the app when Uncover was in beta version;
- Implemented new features and highly custom animations.
- Managed to successfully put down crashes to 0.02% of sessions;
- Implemented Socket.IO to support live server updates inside

Zentity a.s.

Prague
Czech Republic
09/12 - 08/2014

Contractor iOS Developer

I developed varied projects within banking and e-commerce sectors such as:

Xendpay: An app that allows the user to transfer money abroad with very small cost fees and with extremely competitive live exchange rates. Greenfield Objective-C project that I led and took ownership of. The app has been redesigned since I left.

Era / CSOB smart-banking: CSOB is one of the biggest Banks in the Czech Republic. I was a part of the team developing the version 2.0 of their banking iOS app, which contains a new user interface and many new features. My responsibility was to develop the iPad version of the app.

Alza: Alza is the biggest and most known online retailer in the Czech Republic. I developed the iPad version of their e-commerce app in a team of 2.

2008 - 2014

Independent Contractor

I was responsible for the whole life application cycle of several projects. I can provide further details of the apps developed during this period if required.

EDUCATION

2009 - 2014

Technical University of Ostrava, Czech Republic
Computer Science - Master degree

2012 - 2013

University of Aveiro, Portugal
Computer Science – ERASMUS program

CERTIFICATIONS

CompTIA
July 2013 - now

Mobile App Security+ (iOS Edition)
License 5HZ50MCJRDVEC486
[verification link](#)