



Raffaele Apetino

ape.97@hotmail.it
+39 3348566926

EXPERIENCE

MOBILE SOFTWARE DEV. Nextworks S.r.l. | 2020 - Now

I've focused on developing dedicated mobile applications (iOS and Android) for domotic homes and yachts. Aspects covered began from UX Design all the way down to low-level OS frameworks.

In order to communicate with smart objects, I've used every day various technologies such as MQTT, gRPC, and OpenAPI.

During the initial internship, I have developed a Real-Time audio/video intercom system designed for smart homes. Applications for smartphones and web browsers have been developed using React Native framework, webRTC technology and Asterisk software.

BLOGGER heroblog.it | 2013 - 2019

My job as a Technical writer consisted of writing articles about smart devices and action cams. I have learned how to set up and monitor highly visited WordPress based websites.

I have acquired knowledge about Search Engine Optimization for web pages.

PERSONAL PROJECTS

GUITAMP

GuitAMP is an Android application for guitarists. Its purpose is amplifying electric guitars using your smartphone, having also the ability to add some basic audio effects. Its main feature is low latency audio processing via Android Oboe framework.

HUETUNE

Huetune is an Android application written in Java that advises music based on photos. It works by processing pictures with an Object Classification Algorithm (TensorFlow) and outputting a Spotify song related to the picture content.

TIMATO

"Pomodoro timer technique" application for macOS written in Swift. In particular, it is a Status Bar Application that helps increase productivity by monitoring your work and rest time.

EDUCATION

UNIVERSITY OF PISA Computer Science | 2016 - 2020

I have made a solid understanding of information technology and its use in solving problems with in-depth scientific and methodological preparation.

- Algorithms, Networks, Databases and Operating Systems
- Elective courses attended in Cryptography, Cloud Computing and Mobile Applications (Android)
- Introductions to Artificial Intelligence and Computer Architectures.

SUMMARY

I graduated in Computer Science from the University of Pisa.

I have a sincere attitude at discovering and solving problems in real life that stand out while programming.

I love object-oriented and event-driven programming paradigms. I developed skills with embedded prototyping boards such as Raspberry Pi and Arduino.

About my hobbies, I frequently change them because I never get bored while learning new stuff. At the moment my main interests are Mechanical Keyboards, Guitars and Cars.

SKILLS

- Mobile Software Development
- Open Source
- Swift, Java, Objective-C (high)
- JavaScript, C (medium)
- B2 English level
- Team working
- Excellent at cooking carbonara

PING ME

Website: raffaelenachos.github.io

GitHub: [RaffaeleNachos](https://github.com/RaffaeleNachos)

LinkedIn: [raffaele-apetino](https://www.linkedin.com/in/raffaele-apetino)