

# PAOLO TAGLIANI

Senior Freelance Software Engineer

## PROFILE

Software Engineering consultant with strong theoretical skills and a passion for OpenSource software.

More than ten years of experience building mobile and web applications. Working remotely since 2015.

Customer-oriented and structured method of working, focused on quality and maintainability. Highly motivated to work in a team, both comfortable in big companies as in small teams.

## WORK EXPERIENCE

**Linux/FullStack developer**  
**Masterchart**

Jan 2021 - Now

Designed and built a complete access management system for banks, composed of several frontend applications and a custom Linux distribution to power personalized in-site kiosk and queue monitor.

**Linux/FullStack developer**  
**41 North**

Mar 2021 - Jun 2021

Built a custom Linux distro (based on RaspiOS) to be installed in custom bartop solutions. The system also includes a backend application that stores and distributes legal ROMs. More details at [this link](#).

**Mobile and Full Stack Software Engineer**  
**Codermine**

Jan 2020 - Dec 2020

Built products for third-party clients with mobile and web technologies. Lead a small development team: mentored junior developers, introduced DevOps practices, and improved release cycle and automated testing. Some of the products build includes:

- Alarm system configuration app ( [link](#) )
- Invoice trading platform (frontend and backend) ( [link](#) )
- AI-based KPI prediction platform ( [link](#) )

**Mobile / FullStack Software Engineer**  
**Palmbait**

Ago 2019 - Dec 2019

Full-Stack consultant.

- Circular Economy based delivery service ( [Link](#) )
- Bluetooth powered chat application ( [link](#) )

## CONTACT

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## EDUCATION

**2010 - 2013**

**Master's Degree in  
Computer Science**  
University of Brescia

**2011 - 2012**

**Exchange student in  
Computer Science**  
LaSalle Barcelona,  
Ramon Llull University

**2006 - 2012**

**Bachelor's Degree in  
Computer Science**  
University of Brescia

## LANGUAGES

- Italian (mother tongue)
- English
- Spanish
- Catalan

Worked remotely as an employee doing consultancy work for US and European clients. I worked as an iOS developer in the mobile team, then moved to backend using Node.JS based technologies and ended in web team doing Angular Frontend work. I was also responsible for DevOps, automation, and custom build solutions in each team I worked in.

Relevant examples of products I worked on:

- IoT custom light control solution ( [link](#) , [blog post](#) )
- Real-time noise monitoring platform ( [link](#) )
- Rehab enhancement platform ( [link](#) )
- TENS remote control application ( [link](#) )
- Tinder-like social networking application ( [link](#) )

**iOS Developer**  
**TilTap**

May 2013 - Jun 2015

Worked as iOS developer in a dedicated team inside a startup incubator. Built several MVP and product for early stage startups.

## **SKILLS**

**Programming Languages**

*Expert:* Typescript, Swift, Objective-C/C++

*Advanced:* C, C++, Javascript, Python

*Familiar:* Go, Ruby

**DevOps**

GitHub Actions, Gitlab CI/CD Pipelines, Travis CI

**Frameworks**

Cocoa, Cocoa Touch, NodeJS, NestJS, ExpressJS, Angular

**DB**

MySQL, PostgreSQL, SQLite, MongoDB, Elastic Search

**Other**

Docker, docker-compose, Linux administration, AWS services (S3, lambda, IoT, ECS), cloud based server management (Digital Ocean, Linode)

## **PROJECTS AND ACHIEVEMENTS**

- **US Patent** Hazard Recognition (Patent US11093747B2), [link](#)
- Founder of [PragmaMark](#) : first iOS/MacOSX Italian developer conference
- Mentor at [CoderDojo Brescia](#)