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 *- Hybrid Remote*

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 *- Full Remote*

Mar 2021 - Jun 2021

Built a custom Linux distro (based on RaspiOS) to be installed in custom bartop gaming 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 *- Hybrid Remote*

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 include:

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

Mobile / FullStack Software Engineer
Palmabit *- Hybrid Remote*

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

Mobile / Full Stack Software Engineer Jul 2015 - Jul 2019
MobileJazz *- Full Remote*

Technical and management consultancy for US and European clients. I worked as an iOS developer in the mobile team, then moved to the backend team using Node.JS-based technologies and then worked in web team doing. 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 May 2013 - Jun 2015
TilTap

Worked as an iOS developer in a dedicated team inside a startup incubator. Built several MVPs and products 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, TimeScaleDB

Conainers: Docker, Docker Compose, Kubernetes

Other skills: 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