

Skills

Frontend Web Development

ReactJS, Android Native, React-Native

Backend Development

NodeJS, Python/Flask/Django, Typescript, Golang, Prisma, GraphQL

Team manager

Clear, Effective Communication, Emotional Intelligence, Ability to Delegate, Openness, Context over control

Interests

Side projects lover

Nerd, Tech enthusiastic

Avid reader of books

Proud Tech communities member and admin

Basketball player

Languages

English

Advanced



Italian

Expert



Matteo Boschi

Senior Software Engineer

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Profiles

[Undermaken](#)

[matteo-boschi](#)

[matteoboschi](#)

Summary

13+ years of experience as a Software Engineer, proficient in a wide range of technologies and programming languages. Skilled in **mobile application** development using **React Native** and native SDKs (**Java**, **Kotlin**, **Swift**, **ObjectiveC**). Skilled in web development using **React** and experienced in building desktop applications. Experienced in **backend development**, services and database management. Adept at writing efficient code and **managing teams of up to 7** senior software engineers. Previous experience includes working for a company with a user base of approximately 30 million users, contributing to the development of a successful application.

Experience

Heritage Holdings **2022-05-22**
Senior Software Engineer remote

<https://www.heritageholdings.co/>

I wanted to come back to a technical position after ~2 years as a tech manager (mobile team of 7 seniors). Heritage is a private fund where technology is one of the main assets. I work with a highly skilled team to build a solid and efficient tech ecosystem: mobile, web, services, infrastructure and internal tools. Technologies of interest:

- React, React Native
- NodeJS, Fastify
- GraphQL [Prisma](#)
- Typescript (I love FP with fp-ts / effect-ts)
- Python

PagoPA S.p.A. **2019-12-01 - 2022-05-17**
Head of Client & Front end remote

<https://www.pagopa.it/it/>

I was responsible for the development of the **IO app**. This is the official app of the Italian government that provides essential services to citizens, such as: paying taxes, sending sensitive documents (COVID green certification) and taking advantage of government incentives and bonuses. The main challenge was to build and manage a team of 7 senior software engineers to work, learn and grow together. I became **Head of Client & Front end** after ~1 year where I was Senior Software Engineer, the app had a user base of around 30million users at the time I left.

[IO-app contribution](#)

Technologies of interest:

- React Native
- Typescript, fp-ts, io-ts
- Azure Cloud
- GitHub actions / CircleCI

Presidenza del Consiglio dei Ministri **2019-04-01 - 2019-12-01**
Mobile developer

<https://teamdigitale.governo.it/>

I worked for the [Digital Transformation Team](#) as a mobile developer for an Italian government task force. The team consisted of a pool of experts selected from all over the country and even from outside the country. Making public services easily accessible to citizens and businesses through a mobile-first approach, with reliable, scalable and fault-tolerant architectures, based on clearly defined APIs. Supporting the various central and local government departments in making the best and most data-driven decisions, thanks to the use of big data and machine learning techniques.

<https://teamdigitale.governo.it/en/people/matteo-boschi.html>

Technologies of interest:

- React Native
- Typescript
- Azure Cloud

White3 **2017-03-01 - 2019-03-01**
Solution Engineer Rome

<https://www.white3.it/>

Conception, design and development of multi-touch applications in Crisis/C&C environments: mission critical, territory control, data centre management, people and means control flow.

Follow the entire software lifecycle by managing a team of 3/5 engineers. Design and develop complex applications based on the Unity engine for the client side. Design and develop complex backend technologies to build all the services required by clients. Designing and developing mobile companion applications based on Android environment

I followed some projects close to the clients: Mexico (~1 year), Brazil (~3 months), Bolivia (~3 weeks)

Technologies of interest:

- Unity Engine
- Microservices architecture
- Reactive Programming (ReactiveX)
- Concurrent programming
- SOLID principles

Education

University of Rome Tor Vergata **2008-01-01 - 2015-01-01**
Computer Software Engineering Master's degree

107/110

<https://web.uniroma2.it/home>

Degree Thesis on mobile (Android) GPS navigation system for public transportation in Rome, involving GIS vectorial maps, dynamic path recalculation, and turn-by-turn instructions. Map-based interface and position-based real-time information gathering.

Projects

Spearfishing Community **2010-03-01 -**
Spearfishing Community web site

<https://www.emozioninapnea.com>

Proud developer of my own spearfishing community "Emotions in Apnea". I started to develop the web part several years ago (2011). Now the community counts about 7k users and I developed the mobile app too (only Android) For this project, I did not use any 3rd party software or existing frameworks.

Technologies involved:

- PHP
- MySql
- Javascript (Jquery)

Pesca Sub mobile App **2013-02-01 -**
Android app

<https://play.google.com/store/apps/details?id=water.maken.emozioni>

Starting from my Spearfishing web project I realized the mobile application was based on the same contents and community.

The application is written for Android mobile devices (phones/tablets)

It extends the web part giving the users more maps utilities and notifications about their activities.

Technologies touched and involved:

- android SDK,NDK
- google play services (adbmob,gmaps)
- Picasso library
- Glide library
- Volley library
- ReactiveX/RxAndroid library

Today it counts about **20k** users, 278 votes with an avg of **4.46/5.0** on Play Store

Whatsapp Photo Profile **2015-01-01 - 2016-01-01**
Android app

<https://m.apkpure.com/contact-photo/com.fyg.whatsprofile>

I made an Android App to make it easy to set Whatsapp contacts profile pictures into the personal address book. It also can make pictures historical archive of each Whatsapp profile. It made about **270k** downloads before WhatsApp moved the profile picture from the "public" folder into provide making my app useless

Quiz Responsabile Tecnico

Android app

<https://play.google.com/store/apps/details?id=com.water.testresponsabiletecnico>

Android app to train and test your knowledge about Responsabile Tecnico Ambientale.

As the first activity, I implemented a Python parser to read official quiz pdf files (<http://www.albonazionalegestoriambientali.it/>) and collect all information in an SQLite database.

Then I wrote the Android (>1k download, **4.7/5**) application where the user can select his test, pause it whenever he wants, and at the end check the test results.

Technologies touched:

- Python
- SQLite
- mixed Java/Kotlin for Android

References

Linkedin recommendations

Coworkes

<https://www.linkedin.com/in/matteo-boschi/details/recommendations/>

reactnative @localhost 2021

Workshop

<https://www.youtube.com/watch?v=FnMoLElfgEE>

Ne Me Quitte PA

Online interview

https://www.youtube.com/watch?v=8A7Kw_9wucM&list=FLIFHISD3Cy7RzExCBs4KsFw

RomaJS

Tech Talk

<https://www.facebook.com/romajs.org/videos/575771186517100>

I wrote

Article

- [React Native - when JS is too busy](#)
- [How to create a bot for code reporting activities](#)
- [From Ideas to Action: Hackathon](#)