GIORGIO PROVENZALE
Android Engineer
Web Developer

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Profile

I'm an accomplished Android Engineer with a rich professional journey spanning from Italy, UK, and France, dedicating myself to crafting top-notch Android applications since 2014. I've been thriving in a remote work setup since 2017, contributing to diverse projects that have found their place on the Google Play Store.

My expertise encompasses the entire spectrum of Android development, delving deep into various facets of app creation. From conception to deployment, I've played pivotal roles in multiple projects, honing my skills and leaving an indelible mark in the Android ecosystem.

Additionally, I've ventured into web development, collaborating on side projects where I contributed as a front-end developer utilizing Vue.js. Working alongside talented freelancers, we successfully built CRMs, focusing my efforts on creating intuitive and responsive user interfaces.

My work ethos is fueled by an unwavering passion for what I do. This fervor not only propels me through the challenges of my career but also inspires creativity and excellence in every endeavor.

Technical Skills

Android Development

Android SDK - Java - Kotlin - Android Studio - Google Play Services - MVVM - Room - Retrofit - Architecture Components - Koin - Dagger - Coroutines - View Binding - Mockito - Espresso - Jetpack Compose

Web Development

Vue - Vuetify - Javascript - Typescript - Angular - PHP - Laravel - MySQL

Software Development Methods and Tools

Agile Software Management - Git

Personal Skills

Communication - Teamwork - Problem-solving - Organization - Sense of urgency - Remote work

Work Experience

Infinum
New York / Zagreb - Remote | From September 2019

Android Engineer

Since 2021 - Fusion Platform Android Engineer at Philips IoT Division

Engaged in the development of the Fusion platform for Philips IoT devices, specializing in UIKit utilizing Jetpack Compose. Spearheaded the creation and implementation of the UIKit, pivotal in enabling seamless connection and setup of new devices within the platform.

Additionally, played a crucial role in integrating this groundbreaking UIKit and SDK into prominent Philips applications such as NutriU and Coffe+, contributing to their enhanced functionalities and user experiences.

2019-2021 - Project Lead Android Engineer for Agri - Signify

Delivered substantial contributions to "Agri," a flagship project for Signify (formerly Philips Lighting), concentrating on smart lighting solutions for large-scale farms. Instrumental in crafting an intuitive application that, through Signify's gateway, efficiently manages hundreds of lights by forming groups, applying custom recipes, and seamlessly handling analog inputs within farming environments. This application has been successfully published on the Play Store and adopted across multiple countries worldwide.

Since 2021 - Internal Android Team

Entrusted with architecting the foundational framework for subsequent Android projects, laying the groundwork for streamlined development processes and sustainable project growth. Also, actively engaged in mentoring and guiding new colleagues, fostering their professional growth within the organization.

Whead
Italy - Remote | From October 2019

Web Developer

Freelance Frontend Developer | Vue.js Specialist

As a freelance developer, I've undertaken diverse projects, collaborating with multiple clients across various industries, honing my expertise in crafting tailored solutions that meet client needs effectively.

In the last years, I took a leadership role, assembling a team of skilled freelancers to collectively develop a substantial CRM (Customer Relationship Management) product. My primary focus within this initiative was on the frontend, leveraging Vue.js and Vuetify to create a dynamic and intuitive user interface.

Seamlessly integrated Vue.js and Vuetify to architect and develop the frontend components, ensuring the CRM product met high standards of usability, functionality, and aesthetics.

Thrived in a collaborative freelance environment, leveraging expertise to drive the success of multifaceted projects, contributing to a diverse portfolio while actively leading and participating in the development of impactful solutions.

Brains&Beards

Android Developer

Android Engineer - Sharoo Car-Sharing App

Led the comprehensive development efforts for the Sharoo car-sharing application, overseeing end-to-end responsibilities. Key contributions involved spearheading the implementation of new features, notably the innovative Owner panel, and conducting extensive bug fixing activities, ensuring a seamless and robust user experience.

Pioneered advancements in the app's functionality by focusing on the integration of Bluetooth Low Energy (BLE) connectivity between the application and automobiles, enhancing the app's capabilities and user interaction with vehicles.

Transitioned pivotal sections of the app to Kotlin, leveraging its power and expressiveness to drive efficiency and maintainability. Introduced the Architecture Component, laying a solid foundation for the app's structure and scalability.

Innovatively improved app performance and reliability by replacing the outdated event bus with a custom solution crafted in RxJava, optimizing event handling and enhancing overall app responsiveness.

Constantly driven by a passion for innovation, continuously seeking out new avenues to enhance app functionality and deliver an exceptional user experience while maintaining a focus on robustness and reliability.

GoodBarber

Android Developer

Android Developer - GoodBarber App Builder

Contributed significantly as a key member of the Android team entrusted with the enhancement and maintenance of the native engine powering the GoodBarber app builder.

Instrumental in the development and implementation of two critical modules for the latest iteration of the engine, showcasing a dedication to innovation and augmenting the app's capabilities.

Held responsibility for the overall upkeep and maintenance of the application's core library, ensuring its stability, efficiency, and compatibility with various app-building functionalities.

Played an integral role in advancing the engine's features, focusing on driving performance improvements and expanding the possibilities for app creators within the GoodBarber platform.

Play Consulting Ltd

Lead Android Developer

Lead Android Developer - Totem: Employee Engagement Platform

Spearheaded the comprehensive development of Totem, a groundbreaking employee engagement platform designed from inception to foster collaboration and interaction within corporate environments.

Built the entire infrastructure of the first version of the app, crafting and integrating a diverse array of modules that mirror a social network for companies. These modules include a dynamic news feed with interactive features like likes and comments, an employee leaderboard, a robust notifications system, polls, questionnaires, and more.

Innovatively designed and implemented each module, aligning them seamlessly to ensure a user-friendly and engaging experience, fostering a collaborative and positive company culture.

Empowered organizations by creating a platform that amplifies employee engagement, encourages participation, and facilitates effective communication across all levels within the workplace.

Teoresi Group and CSP

Turin | From April 2014 to June 2015

Android Developer

Android Developer - Teoresi Group and CSP Partnership

Simultaneously contributed to both Teoresi Group and CSP during a collaborative partnership period between the two companies, showcasing versatility and expertise across diverse projects.

At CSP, led the development of TemporALERT!, a cutting-edge weather forecast application designed from the ground up for ARPA Piemonte. This innovative app provided crucial meteorological insights, empowering users with accurate and timely weather forecasts.

Additionally, engaged in the PieVerde project at Teoresi Group, collaborating within a testing initiative alongside Iveco's partnership. Instrumental in creating a multifunctional app aimed at integrating information about electric vehicles utilized by couriers and shipping details, consolidating these disparate data sources into a single, cohesive platform.

Leveraged technical expertise and strategic collaboration to deliver impactful solutions that addressed specific industry needs, furthering the objectives of both organizations involved in these pioneering projects.

Projects

Personal Project   *2019*

- **AreaProf.it :** I developed a **web app** for teachers (**Angular + Laravel**), the goal of this project was to allow the teachers to create and manage a web space where they can easily share content with the students.

Client: **Futuring srl**   *2017*

- **Nostradamus Bot :** I developed, using **Angular**, the front end of a web app focused on automated cryptocurrency trading.

Client: **Ospedale Molinette Torino**   *2016*

- **RadHome :** I developed the **Web app** and the **Android app** for a testing project of the "Le Molinette" Hospital of Turin focused on the tracking of medical house calls - I used **Angular** and **Laravel** for the web app and **Java** for the Android App.

Education

Master Degree - **Computer Engineering**   *Polytechnic of Turin*

Thesis*: Development of a Social Reading iOS application – Telecom Italia Lab*

Bachelor Degree - **Telecommunications Engineering**   *Polytechnic of Milan*

Thesis*: Implementation of a multicast routing protocol for sensor networks, in TinyOS platform*

Languages

Italian - *Mother Language*

English - *Professional knowledge*

Interests and Hobbies

Football - Photography - Music - Djing - Food - Old Cars