

Camillo Bucciarelli

Industrialization Architect · Mobile Developer · Speaker

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Pescara, Italy

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PROFESSIONAL SUMMARY

Industrialization Architect with 10+ years of experience in the IT sector, specialised in mobile development and cross-platform architectures. Strong expertise in defining the technical architecture of mobile applications: pattern selection (Clean Architecture, MVVM, BLoC), layer structuring, state management and integration with cloud services, with a focus on scalability and code quality. At Sopra Steria I lead the industrialisation of enterprise projects and the development of agentic workflows across the full SDLC. Speaker at national conferences (Codemotion Milan, PyCon Italia, DevFest) on Flutter, Firebase and on-device AI. Outside work I enjoy making and 3D printing, trekking and swimming.

TECHNICAL SKILLS

| Mobile & Frontend | Backend & Cloud | Architecture & AI |
|------------------------|----------------------|----------------------------|
| Flutter / Dart | Java / Spring Boot | Clean Architecture / SOLID |
| Android (Kotlin, Java) | Firebase / Firestore | MVVM / BLoC |
| iOS (Swift) | Google Cloud (GCP) | Microservices / DevOps |
| TypeScript / Angular | Node.js | LLM on-device (AI edge) |
| Kotlin Multiplatform | Docker / CI-CD | Agile / Scrum |

WORK EXPERIENCE

Industrialization Architect · Sopra Steria

Jan 2026 – Present

Rome, Italy

- ▶ Definition of architectural standards and reusable design patterns for mobile applications and enterprise services
- ▶ Project industrialisation and development of agentic workflows across the full SDLC
- ▶ Delivery automation with a focus on scalability, quality and reduced time-to-market

Lecturer & Mentor · ITS Lanciano

Jan 2020 – Present

Lanciano, Italy

- ▶ Teaching Flutter/Dart, OOP (SOLID, design patterns), Git and functional programming; mentoring and project review

Tech Leader | Solution Manager · Sopra Steria

Oct 2022 – Dec 2025

Rome, Italy

- ▶ End-to-end software architecture design: application layers, integration patterns and scalability strategies
- ▶ Technical leadership of cross-functional teams on enterprise projects in the energy sector
- ▶ Definition of commercial proposals, estimates and client relationship management
- ▶ Cross-platform development in Flutter, Java/Spring Boot microservices, Angular web apps and CI/CD pipelines

Mobile Tech Lead · Aesys

Feb 2020 – Oct 2022

Pescara, Italy

- ▶ Definition of mobile app architecture: patterns (MVVM, Repository, Clean Architecture), module structure and dependency injection
- ▶ Mobile team coordination; native Android/iOS development and cross-platform Flutter and Kotlin Multiplatform

Stack: Java, Kotlin, Swift, Flutter, RxAndroid, Architecture Components, Google Play Services

IT Consultant (Freelance) • Self-employed

Apr 2017 – Oct 2022

Abruzzo, Italy

- ▶ Development of custom web solutions and mobile applications for SMEs and startups

Lead Mobile Dev / Senior Frontend Dev • The Innovation Factory

Sep 2017 – Aug 2019

Rome, Italy

- ▶ Mobile architecture design: component design, state management and navigation patterns on Android and iOS
- ▶ Agile backlog management (user stories, estimates) and stakeholder communication
- ▶ Web CMS development in Angular 6 with a custom SVG chart-generation component

Stack: Java, Kotlin, Swift, Angular 6, Node.js, svg.js, Docker

Android / iOS / Java Developer • Isplus s.r.l.

Jun 2016 – Sep 2017

San Giovanni Teatino, Italy

- ▶ Development of an integrated management platform (clients, suppliers, inventory, e-commerce); web frontend and mobile apps

SPEAKING & COMMUNITY

National Conference Speaker

- ▶ Codemotion Milan 2025 – Tech Expert
- ▶ PyCon Italia 2026 (Bologna)
- ▶ DevFest: Rome, Alps, Catania, Modena, Campobasso, Pisa, Vicenza
- ▶ WinterTech '26 (Aosta) · DevFest Pescara 2023

Community

- ▶ Active supporter of Italian tech communities (GDG, Python Italia)
- ▶ Active member, RATI Association (European Coalition)

Featured Talks

- ▶ On-device LLM with Flutter – offline AI inference on smartphones
- ▶ K-nearest-neighbor queries on Firebase (Vector Search)
- ▶ Handling complex forms in Flutter with Reactive Forms
- ▶ SOLID principles through storytelling (“The 5 Principles of Harmony”)
- ▶ Firebase: offline Firestore cache, security and certificate pinning

EDUCATION

BSc in Economics & Business Computer Science • Univ. G. d’Annunzio

2011 – 2015

Pescara · EQF 6

Executive Master: Web Marketing & Social Media • Sida Group

Apr – Jun 2015

Ancona · EQF 7

Diploma in Business Administration & Programming • ITCG “E. Fermi”

2006 – 2011

Lanciano · EQF 4

CERTIFICATIONS & LANGUAGES

Certifications

Scrum Master Certified (SMC) – Scrum Alliance, 2020

Languages

Italian – Native

English – B2 (intermediate)

NOTES

Member of protected employment categories under Italian Law 68/99 (targeted placement).

I authorise the processing of my personal data pursuant to Italian Legislative Decree 196/2003 and GDPR 2016/679.