

FRANCO N. COLAIZZI

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Strategic Technical Leader & System Architect with over a decade of experience driving large-scale Android and web initiatives. A former educator turned technical director, I leverage a unique background in mathematics and instruction to translate complex, multi-layered technical flows into accessible, executive-ready narratives for broad organizational alignment. I specialize in building resilient, future-proof architectures by defaulting to time-tested, industry-standard solutions that prioritize stability and maintainability over fleeting trends. Known for a high-empathy approach to leadership, I focus on mentoring cross-functional teams, fostering professional growth, and bridging the communication gap between business vision and technical execution.

EXPERIENCE

CGI – Director, Consulting Expert | August 2014 – January 2026

Promoted through progressive leadership roles; most recently serving as an organization-wide expert for mobile application development and system architecture.

PNC Financial Services – Mobile Redesign Architect Lead | Nov 2023 – June 2025

- **Spearheaded** the technical foundation for a ground-up native redesign of PNC's retail banking application, adopting a “day zero, future-focused” approach that ensures project resilience against unforeseen executive requirement shifts.
- **Transformed** potential technical debt into intentional architecture by identifying and extending patterns that mandate feature segregation, making haphazard modularization impossible to implement.
- **Enforced** industry best practices (design tokens, color roles, linters) and introduce custom onboarding/troubleshooting scripts to facilitate seamless development across the redesigned app and design library.

PNC Financial Services – Android Mobile Project Tech Lead | Jan 2020 – Nov 2023

- **Established** foundational code maintenance and development patterns that were adopted by the organization's change management team as institutional policy.
- **Led** the technical stack for a flagship Android application supporting 3.5M+ active users, including the architecture and implementation of the in-app mobile payment processing platform.
- **Served** as the primary technical evaluator for third-party integrations; reduced vendor pools from broad fields to 2–3 viable candidates by identifying technical incompatibilities early.
- **Bridged** the gap between business and technology by educating executive leadership on the intersection of technical flows (e.g., OS permissions) and business logic.

PNC Financial Services – Android Team Lead | Aug 2019 – Jan 2020

- **Built** a new authentication platform and successfully migrated 7M+ active users with zero downtime and helped the institution achieve Zelle network integration requirements (QR codes/deep-linking).

PNC Financial Services – Web Development Lead | Aug 2017 – Aug 2019

- **Directed** a web development crew of 25+ developers at project peak for the online banking platform redesign, laying the groundwork for organization-wide patterns while coaching teammates on best practices in modern web development.

Assorted Clients – Associate Technical Consultant | Aug 2014 – Aug 2017

- **Delivered** an Android FIDO authenticator proof-of-concept that spring-boarded the institutional adoption of Samsung Knox and multi-factor authentication (MFA).
- **Reduced** deployment time for brand-specific white-label applications from days to hours through streamlined processes and tool enhancement.

EARLY EXPERIENCE

Pittsburgh Public Schools – Mathematics Teacher | Sept 2007 – June 2012

TECHNICAL SKILLS & TOOLING

- **Languages & Core:** Android (Kotlin, Java), Gradle, Coroutines/RxJava, JavaScript/TypeScript.
- **Architecture & Methodology:** MV*, Clean Architecture, Modularization, Design Tokens, CI/CD, TDD.
- **Emerging Tech:** Agentic AI-assisted development workflows, Mobile-first AI implementations.
- **Leadership & Strategic:** Vendor Management, Technical Stakeholder Management, Change Management, Mentoring.

EDUCATION

Bachelor of Science, Mathematics | University of Pittsburgh