Matteo Ciannavei

Senior Mobile & Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer specializing in Mobile with 9+ years of corporate engineering experience (2017–Present) and 12+ years shipping end-to-end digital products (2014–Present). Combines deep cross-platform and native mobile expertise (Flutter, Swift, SwiftUI, Kotlin, Jetpack Compose, KMP, BLE) with web, cloud, and backend delivery (React, TypeScript, Node.js, .NET, Spring, GraphQL, Firebase, Vertex AI). Proven track record in Clean Architecture, automated testing, CI/CD, and AI-augmented engineering workflows including custom MCP servers published on npm.

TECHNICAL SKILLS

Mobile Engineering: Flutter, Dart, BLoC, Cubit, Provider, RxDart, GoRouter, AutoRoute, Swift, SwiftUI, UIKit, Combine, Alamofire, Objective-C, Kotlin, Jetpack Compose, Coroutines, Java, Kotlin Multiplatform (KMP), Bluetooth Low Energy (BLE), Android TV

Frontend & Web: React, TypeScript, JavaScript (ES6+), Redux, Angular, Flutter Web, Progressive Web Apps (PWA), HTML5, CSS3

Backend, Cloud & APIs: Node.js, .NET, Spring, RESTful APIs, GraphQL (Artemis), Firebase (Auth, Firestore, Cloud Functions, Crashlytics), Google Cloud / Vertex AI (GenAI)

Testing, Architecture & CI/CD: Clean Architecture, SOLID, Unit & Widget Testing, Golden Tests, Flutter Test, Mocktail, Bitrise, Codemagic, Azure DevOps Pipelines, GitLab CI/CD, JetBrains Space, Jenkins, Git

AI-Augmented Engineering & Tooling: Model Context Protocol (MCP) Server Development (Node.js, npm) & Integrations (Figma, GitLab, Azure DevOps, Firebase), Claude Code, GitHub Copilot, Google Antigravity, Jira, Agile / Scrum

WORK EXPERIENCE

Mobile & Full-Stack Developer
Accenture Italia
Jan 2026 – Present

- Delivered cross-platform mobile and web applications across 3 client platforms (iOS, Android, Flutter Web) for enterprise retail ecosystems using Clean Architecture and BLoC.
- Built native iOS product features in Swift and SwiftUI alongside the shared Flutter application architecture.
- Integrated 3 Model Context Protocol (MCP) servers (Figma, Azure DevOps, GitLab) with 2 AI coding agents (Claude Code, GitHub Copilot) to support UI-to-code delivery, refactoring, and code reviews.
- Managed sprint execution, repository governance, and CI/CD pipelines across 2 DevOps platforms (Azure DevOps and GitLab) in Rome, Italy (Remote).

Mobile Developer
Technogym
Oct 2021 – Jan 2026

- Delivered cross-platform Flutter features across 2 mobile platforms (iOS and Android) for the Technogym fitness ecosystem in Cesena, Italy (Full-Remote).
- Maintained 2 native mobile hardware libraries in Swift (iOS) and Kotlin (Android), including Bluetooth Low Energy (BLE) communication modules for real-time connectivity with smart fitness equipment.
- Collaborated with backend teams and inspected .NET backend codebases directly to design, map, and align REST API contracts and DTOs.
- Built automated unit and widget test suites (Flutter Test, Mocktail) and managed Bitrise CI/CD workflows across GitHub and Bitbucket in Agile/Scrum teams.

Full Stack Developer
Patchai
Jul 2020 – Oct 2021

- Engineered patient health-tracking mobile apps for digital health and patient-monitoring platforms (acquired by Alira Health) in Padua, Italy (Full-Remote) using Flutter, BLoC, GraphQL (Artemis), and Firebase with unit and Golden Tests.
- Developed companion native applications across 2 platforms in Swift, SwiftUI, Combine, and Alamofire (iOS) and Kotlin and Jetpack Compose (Android).
- Built healthcare web dashboards and clinician portals using React, TypeScript, Redux, GraphQL, and Firebase, supported by 2 CI/CD platforms (Bitrise and JetBrains Space).

Full Stack Developer
SOGETEL S.r.l.
Oct 2018 – Jul 2020

- Developed full-stack web applications in React.js and Angular integrated with 2 backend frameworks (.NET and Spring) in Rome, Italy.
- Built native applications across 3 platforms (iOS with Swift/Objective-C, Android with Kotlin/Java, and Android TV), including connected telematics integration with OCTO Telematics.

Full-Stack & Mobile Software Engineer
Global Technologies Italia S.r.l.
Sep 2017 – Oct 2018

- Delivered mobile, web, and backend software in Rome, Italy across native iOS (Swift, Objective-C), native Android (Kotlin, Java), .NET / Spring backends, and responsive web frontends (JavaScript, HTML5, CSS3).

PROJECTS

Independent Mobile & Web Product Portfolio
Self-Employed
Jan 2014 – Present

- Built and shipped 10+ published applications across App Store, Google Play, macOS, and Web using Kotlin Multiplatform (KMP), Flutter, SwiftUI, Jetpack Compose, React, Vertex AI, and Firebase.
- **Pros-Cons: Decision Maker** (prosconsapp.com: iOS, Android, macOS, Web): Built collaborative AI-assisted decision platform serving 100,000+ registered accounts and 2,000+ MAU with Kotlin Multiplatform (KMP), SwiftUI, Jetpack Compose, React, Vertex AI, and Firebase.
- **Aisly: Wedding Planner AI** (aislyapp.io: iOS, Android, Web): Developed AI wedding planning platform optimizing seating charts, RSVPs, and event workflows with Flutter, Vertex AI (GenAI), and Firebase.
- **CrewShift** (getcrewshift.com: iOS, Android, Web): Engineered shift-worker calendar and group availability coordinator featuring AI schedule scanning with KMP, SwiftUI, Jetpack Compose, React, Vertex AI, and Firebase.
- **Additional Published Apps**: Maintained *Philosophy Phrases / Filosofando* (4,000+ MAU, multilingual graphic editor), *EasyMetro* (4,000+ MAU transit navigation), and *BillWiz* (freelance estimate & PDF invoice generator) using Flutter, Firebase, and Codemagic / Bitrise CI/CD.

Open-Source Software & MCP Tooling
GitHub & npm

- **pros-cons-mcp** (npmjs.com/package/pros-cons-mcp): Built custom Model Context Protocol (MCP) server on npm (Node.js/TypeScript) connecting 3 AI agents (Google Antigravity, Claude Code, GitHub Copilot) directly with the *Pros-Cons* app on App Store and Google Play.
- **Koma & Frame TV Tracker**: Developed open-source Flutter applications **Koma** (github.com/mattcianna/koma, manga tracker) and **Frame TV Tracker** (github.com/mattcianna/frame-tv-tracker, TV series and anime tracker).

EDUCATION

Bachelor's Degree (BA) in Media, Multimedia and Digital Communication
Sapienza University of Rome
2013 – 2017

LICENSES & CERTIFICATIONS

Flutter Mobile Development, Udemy (2020)
Kotlin & Spring Application Development, Accademia Informatica, Rome (2019)
Web Application Development in Angular (Angular Material, TypeScript, Node.js) (2017)
Native iOS Application Development, Swift S.r.l. (2014)

LANGUAGES

Italian: Native
English: C1, Full Professional Proficiency
Spanish: B2, Upper-Intermediate Working Proficiency
Norwegian (Bokmål): A2, Elementary