

Andrea Baccega

AI transformation | Hospitality technology | Team leadership

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PROFILE

I have spent 17 years building hotel technology at FASTBOOKING and D-EDGE, starting with the original website CMS and the backend and frontend libraries that still power D-EDGE hotel websites. Since October 2025 I have focused on AI tools that people actually use and benefit from: they support every new hotel-client onboarding, and I piloted a guest-facing booking assistant. Along the way I led a 6-developer team at RISE, co-founded Androidiani (600K+ users) and talk about AI on YouTube, in my podcast and at live events.

PROFESSIONAL EXPERIENCE

D-EDGE Hospitality Solutions, formerly FASTBOOKING

Mar 2009 - present | Italy

Senior Back End Developer | Jan 2017 - present, hybrid | AI projects as main focus since Oct 2025

- **AI adoption:** built content and website tools used by 15+ colleagues, including project managers, in every new hotel-client onboarding; estimated 10-30x faster on selected tasks against internal baselines.
- **Guest-facing assistant:** built and piloted an embeddable AI web component using page elements and internal APIs to handle requests like "book a room for 14 February", suggesting a room and guiding guests.
- **Knowledge discovery:** connected agents to existing tools via MCP and CLIs for natural-language search across scattered sources, e.g. which Italian hotels use a given website feature. Colleagues first queried it directly; their AI agents now query it automatically. Rejected a standalone RAG stack to limit maintenance.
- **Agent safety and privacy:** set up isolated workspaces, split credentials and human production sign-off. Assessed self-hosted LLMs for GDPR and EU AI Act fit; paused pending budget and a clear use case.
- **Enablement:** wrote AI tool user guides; ran two technical courses for about 10 developers.
- **Product ownership:** product owner on most of the projects above, agreeing release scope and priorities with management and stakeholders; also built cookie-consent and certificate-automation services.

Back End Developer | Mar 2009 - Jan 2017

- Created the original WordPress CMS, which now powers D-EDGE's hotel website portfolio.
- Original developer of WebSDK (2013), connecting hotel websites and the booking engine; by 2017 also delivered performance improvements, a TypeScript rewrite and new endpoints. It now also runs within the booking engine at thousands of requests per second.

Androidiani.com | Co-founder & CTO

Nov 2008 - Dec 2025 | parallel venture

- Co-founded and ran an Italian Android community with 600K+ registered users. Owned infrastructure, re-architecting servers as traffic peaked at 350K daily users and millions of page views.
- Direct reports, paid and volunteer: 2 software developers, the blog editor-in-chief and forum administrators; coordinated approximately 10 editorial contributors and 10 forum moderators.
- Joint authority with the co-founder over team selection, priorities, budgets and spending.

RISE | Tech Lead, external consultant

2017 - 2019 | freelance, alongside D-EDGE

- Led a 6-developer team through the TypeScript rewrite of the RISE network node, shipped to mainnet as Core 1.0.0 (Apr 2018) with 99% code coverage; managed budgets and team selection.

Earlier experience: Web Developer & SEO, Mec314 (May 2008 - Mar 2009).

AI PROJECTS, OPEN SOURCE AND RESEARCH

- **pi-extensible-workflows (2026):** deterministic, resumable multi-agent workflows for Pi, with parallel execution and review checkpoints; 240+ GitHub stars.
- **Git Shield (2026):** local secret and personal-data detection for AI-assisted development. Compared models on a small code-oriented test set, documenting detection quality, latency, licensing, false positives and missed detections.
- **Earlier engineering work:** 40+ Android apps; android-edittext-validator (1,400+ GitHub stars); nodes2-ts, a TypeScript port of Google's S2 Geometry; comfoair-esp32.
- **Security research (2017):** ARK MVP bounty for an ARK-Node transaction bug, with proof of concept.

PUBLIC SPEAKING AND COMMUNICATION

- **H-FARM Business School (May 2026):** speaker at the Claude Code Community Meetup, presenting practical applications of AI.
- **Earlier talks:** Tesla Club Italy Revolution (2019, 2022), Codemotion Rome (2011) and ESC End Summer Camp (2010).
- **YouTube, @Andrea.Baccega:** technology channel with 23.8K subscribers. Originally focused on electric vehicles; current live streams cover AI models, coding agents and practical demonstrations.
- **Podcasting:** creator and host of "AI: Oltre il Codice" (2024); contributor to "Senza un briciolo di Tesla", covering electric vehicles and technology.

CORE SKILLS

- **AI and automation:** LLM and agent evaluation, prompt and context engineering, coding agents (Claude Code, Codex, Pi), multi-agent workflows and conversational booking assistants.
- **Engineering:** TypeScript, Node.js, PHP/WordPress, C/C++, Java and embedded systems.
- **Leadership and delivery:** team leadership, budget management, team selection, product ownership and technical teaching.

EDUCATION AND LANGUAGES

- Università Ca' Foscari Venezia - Informatics studies (2009 - 2010)
- Italian (native), English (fluent)