

TOMMASO GIOVANNI PERRONE

FULL-STACK DEVELOPER & MANAGEMENT ENGINEER

CONTACT

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PROFILE

Full-stack developer and management engineer with 5+ years of experience building digital products from concept to production. Background in software engineering, technical entrepreneurship and project management, including leading multidisciplinary teams.

WORK EXPERIENCE

SKILLS

TECHNICAL SKILLS

Languages: TypeScript, Python, SQL, Solidity
Frontend: React, Next.js, shadcn/ui
Backend & Data: Node.js, REST APIs, PostgreSQL, Supabase, Drizzle, Prisma
Cloud & DevOps: AWS, Docker, Vercel
Web3: Ethereum, Smart Contracts, ethers.js, Web3.js
Product: Figma, Productive, Trello

EDUCATION

Selected Master's-level Courses in Computer Science

Alma Mater Studiorum (University of Bologna)
2019–2022

Relevant coursework: Advanced Databases, Computational Mathematics, Artificial Intelligence, Complex Systems & Network Science, Social Network Analysis, Usability & UX Design

Bachelor Degree - Management Engineering

Alma Mater Studiorum (University of Bologna)
2017–2019

Thesis: HIC – Cross-platform geolocated event-sharing application

IT Technical Diploma – Computer Science

ITIS Odone Belluzzi
2011–2016

Final project: RaspiBadge – Electronic register built with Python and Raspberry Pi
Graduated with top marks

LANGUAGES

Italian: native

English: professional working proficiency (B2)

Fullstack Developer

Gea Bologna Bookings | geabolognabookings.com 2025–2026

- Developed a direct-booking platform for a portfolio of apartments in Bologna.
- Built the backend with PostgreSQL/Supabase and integrated Hostex for booking and calendar synchronization.
- Implemented booking webhooks and automated transactional email workflows.

Founder & Software Engineer

Curiositas Studio | curiositas.studio 2025–Present

- Founded a software consultancy delivering custom applications and digital products.
- Designed full-stack architectures and developed scalable production applications.
- Managed projects end-to-end, from requirements and product design to development and client delivery.

Software Engineer & Product Lead

Genetix | genetix.app 2021–2024

- Designed and developed a production Web3 ecosystem integrating full-stack applications with Ethereum smart contracts.
- Built the Genetix DApp and Media Hub end-to-end, covering architecture, full-stack development and UX/UI.
- Developed and integrated ERC-20/ERC-721 smart contracts and blockchain interactions.

Technical Project Manager & Full-Stack Developer

Genetix x Digital Tails Group 2022–2023

- Managed a multidisciplinary team of 9 across development, 3D production and project management.
- Designed production and validation workflows for programmatically generated 3D avatars.
- Built the Genetix Gateway, integrating AWS S3, protected APIs, event listeners and Solidity smart contracts.

Bartender / Multi-Skilled Team Member

Autogrill Italia Apr 2026–Aug 2026

- Worked in a high-volume hospitality environment; trained newly hired staff and contributed to improving onboarding and training processes.

Volunteering

UICI Bologna | uiciemiliaromagna.it Jun 2025–Jun 2026

- Supported daily office operations and administrative activities
- Assisted a visually impaired individual in managing everyday tasks

Extra

Freelancing/Other Projects 2019–Present

- Smartphone Store BO** | smartphonestore.com – Booking management platform and responsive website.
- Lucrezia Brizzi Art** | lucreziabrizzi.art – Artist portfolio website focused on clean UX/UI and content presentation
- HereICome** – Cross-platform geolocated event sharing application.
- RaspiBadge** – Electronic register built in Python using Raspberry Pi.