

SUMMARY

Backend Software Engineer with 4+ years building scalable microservices and REST/GraphQL APIs in Java and Spring Boot across hospitality and financial sectors. Proven track record delivering measurable impact in production, from reducing API response times 30% to raising test coverage 70% on legacy platforms. Experienced in distributed, cross-functional teams and fluent with agentic development tooling including Claude Code and MCP servers.

SKILLS

Languages: Java 17/21, TypeScript, JavaScript
Frameworks: Spring Boot 3.5, Spring MVC, Spring Data, React, Vue 3
DBs: CouchbaseDB, MariaDB, MySQL, SQL Server, MongoDB, PostgreSQL
DevOps: Docker, Jenkins, Git, GitHub Actions, Vercel
AI Tools: Claude Code, MCP servers, Agent Skills, Gemini CLI

LANGUAGES

Spanish
Native

English
Full professional proficiency (C1)

Italian
Full professional proficiency (C1)

EDUCATION

Fondazione ITS ICT Piemonte
Italy
Higher Technical Diploma in Backend System Integration
July 2022

EXPERIENCE

Backend Developer
RIU Hotels & Resorts
September 2024 to Present

- Designed and maintained content delivery services and a transactional email platform on Java 21 and Spring Boot 3.5 microservices, supporting a global hotel chain.
- Applied contract-first development using OpenAPI, generating controllers and models from the spec before implementation.
- Led the migration of existing services from Java 17 to 21, standardizing the stack across the team.
- Reduced API response times by 30% by architecting a Couchbase caching layer, directly improving end-user experience at scale.
- Diagnosed and resolved recurring memory leak issues in production, significantly reducing unplanned service restarts.
- Improved service resilience by implementing structured error handling across multiple microservices, reducing cascading failures.
- Delivered a new GraphQL endpoint in Magnolia CMS, enabling faster data fetching for frontend teams.
- Collaborated within a cross-functional team of ~30 (developers, QA, designers, analysts) using Agile.

Backend Developer
GFT Group
July 2022 to September 2024

- Built and maintained the backend for a loan origination platform processing thousands of applications monthly, using Java 8 and Spring, serving enterprise-level financial clients across Italy.
- Designed and implemented core business logic including validation pipelines and rule engines, integrating with 5+ third-party services and external APIs while ensuring financial-sector compliance.
- Raised test coverage by 70% on a legacy platform by authoring ~300 unit and integration tests, cutting regression incidents in production.
- Collaborated in a cross-functional Agile team of ~20 (developers, QA, designers, analysts) across the full development lifecycle.

PERSONAL PROJECTS

Calculoides — Income-proportional household budgeting platform
March 2026 to Present · calculoides.com · github.com/tomas-nicolorich/calculoides

- Designed and built a full-stack budgeting platform where household expenses are split proportionally to each member's income rather than evenly, covering budget quotas, quota transfers between members, multi-month savings goals with projected completion dates, and end-of-period settlement and archival.
- Architected an npm workspaces + Turborepo monorepo with a shared domain package holding the financial calculation logic, Zod schemas and types consumed by both the API and the React 19 SPA, giving a single source of truth that eliminates client/server drift.
- Chose a calculation-on-read model over stored balances so every quota recomputes live when incomes change, avoiding a class of stale-data bugs; documented this and other decisions as ADRs alongside per-package context docs.
- Built the API on Prisma 7 against Supabase Postgres through PgBouncer, deployed as Vercel serverless functions, with Zod request validation, Supabase Auth and transactional email via Resend.
- Maintained quality gates across the monorepo: Vitest unit and integration suites, TypeScript strict typechecking, ESLint and Husky pre-commit hooks, all enforced in GitHub Actions on every push.