Marco Parisi

Full-Stack Engineer · React / Next.js / NestJS

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Summary

Full-Stack Engineer with 4 years of experience building web applications in TypeScript, mostly with React and Next.js, and now focused on web performance. Built and optimized high-traffic web applications for international luxury and e-commerce brands as part of consulting teams, after retraining in software development through two accredited European programs. Based in Tokyo from December 2026 and currently studying Japanese. Open to full-time opportunities where I can grow with a team over the long term and build a lasting career in Japan.

Certifications & Work Eligibility

Fundamental IT Engineer Examination (FE) Apr 2026

PhilNITS / ITPEC. Equivalent to Japan's **Kihon Joho Gijutsusha Shiken**; among the designated exams that waive the degree / 10-year-experience requirement for the Engineer/Specialist in Humanities/International Services visa.

Work Experience

Rextart — Web Performance Analyst (engaged with Reply) Jul 2026 – Dec 2026

- Own web performance for a major international **eyewear brand**: monitor and audit site health with **WebPageTest**, **Grafana**, **Contentsquare** and **Core Web Vitals** field data, translating findings into prioritized, actionable tickets for the development teams.
- Define **performance requirements** for new features at project kick-off, ensuring performance budgets are set before implementation rather than retrofitted after launch.
- Lead recurring performance meetings with development and client stakeholders, and liaise directly with **Google** on Core Web Vitals strategy.
- Core Web Vitals across the brand's sites pass **Google's thresholds**; the fixes still open follow a **release plan** handed over to the application maintenance team.
- Wrote **agent skills** for AI coding agents (rules and review checklists for Next.js, accessibility, semantic HTML, CSS, GEO and web performance), used by the agents when they write or review code.

Rextart — Frontend Engineer (engaged with Reply) Apr 2025 – Jun 2026

- Built front-end features and **GraphQL APIs** across web and e-commerce projects for luxury fashion brands **Moncler** and **Prada**, including new site sections and a shared component library in **Storybook**.
- Accelerated page loads on **Beko**'s e-commerce platform by integrating the **Speculation Rules API** (prefetching/prerendering), while rebuilding the product-listing (PLP) and product-detail (PDP) pages and adding **A/B-testing components** with Google Analytics tracking.
- Collaborated with distributed teams across **Reply Germany and Reply Spain** to develop the front end of the **Vorwerk** e-commerce website.

Synesthesia — Web Engineer Feb 2023 – Mar 2025

- **Designed and shipped an events ticketing portal** for browsing events and purchasing tickets, with secure payment-gateway integration.
- **Built a civic platform for an Italian regional capital**: local news, events, public services and information for residents and tourists.
- **Built SOLID-based microservices** (cart, sales, dynamic-coupon discounting) integrated with external XML services and monitored via Grafana.
- **Developed an internal reservations back-end** for rest-area management.

Projects

Performance-report — personal project (GitHub) 2026

- Built a **Python pipeline** automating web-performance audits: Chromium campaigns measure Core Web Vitals across device/network matrices, normalized and persisted to SQLite.
- Designed a **retrieval-grounded LLM layer** over curated performance playbooks, emitting a fixed-skeleton PDF report with structure enforced by an automated drift check.
- Orchestrated **AI coding agents and MCP tooling** (Claude) to implement it end-to-end; 812 offline tests, CI with coverage and security gating.

Skills

Programming	Advanced: JavaScript, TypeScript, HTML, CSS/SCSS. Intermediate: Python
Ecosystem	React, Next.js, NestJS, Express, Redux, TanStack, Tailwind, MUI, shadcn, Radix
Data & APIs	SQL, NoSQL (MongoDB), Prisma, TypeORM, REST, GraphQL
Tools	Linux, Docker, Git, Claude, Jira, Teams, Slack

Languages

English: C1 / Advanced (IELTS, 2018) **Italian:** Native **Japanese:** Beginner (currently studying)

Teaching & Community Experience

SYX — Instructor (Turin) 2023

Taught "Create Your Own Platform Video Game" and "Making a Visual Novel with Python and Ren'Py."

Social Cooperative Il Margine — Music Lab Instructor (Turin) 2015–2016

Designed and taught a music production workshop, instructing students in digital audio software including Logic Pro.

Education

2021 – 2023	Diploma, Software Systems Development — **ITS Foundation for ICT**, Turin	(100/100)
2020 – 2021	Multimedia & Web Design — **ENAIP**, Turin	(88/100)