

SIMONE
RUSSO.

FULL-STACK DEVELOPER

CONTACT

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errusso.github.io

github.com/ErRusso

Italy · remote (EU timezone)

PROFILE

Full-stack developer with a security bias. I can take a feature from interface to API to schema, write the tests and ship it through CI. I have worked on an internal real-time dashboard for production devices and maintain public projects in TypeScript and C++. Currently studying Computer Science at UniMol; open to junior full-stack roles.

EXPERIENCE

Software development support

JUN-AUG 2024

Packly Prinigraf SRL

Campochiaro (CB), Italy · internal project, code not public

- Contributed to an internal real-time dashboard for production devices: Next.js/TypeScript UI, Fastify/Node REST API, JWT/cookie auth and SQLite.
- Worked on controller/sensor views, API-backed forms and Slack alerts; Vitest coverage ran in CI.

Design & build

OCT 2026

errusso.github.io

Next.js · TypeScript · static export

- Bilingual static portfolio with required checks and no server-side runtime.
- Custom cursor, scroll memory and a one-page CV generator, with reduced-motion and no-JS fallbacks.

[Live](#) [Source](#)

Creator & maintainer

OCT 2026

PipeDuck

MIT · v1.2.0

- C++20 PipeWire ducking daemon with event-driven libpulse state, smooth return fades and microphone triggering.
- GTK4 tray, DBusMenu integration tests and CI matrix; 29 test functions across 4 build jobs.

[Repository](#) [Release](#)

Open-source contributor

OCT 2026

napi-bindings/marmotta

Open source

- Upstream contributor on the Zig toolchain, cache isolation and build reliability.
- Documented the variable and added regression tests. +1115 / -44 across 15 files.

[Marmotta](#)

SKILLS

FRONTEND

TypeScript · React · Next.js · Tailwind CSS · semantic HTML

BACKEND

Node.js · Fastify · REST APIs · JWT/cookie auth · SQLite/PostgreSQL

TESTING & CI

Vitest · node:test · GitHub Actions · lint/build gates

SYSTEMS & TOOLING

C++20 · Zig · CMake · Linux · Git/GitHub · Docker

SECURITY

OWASP Top 10 · secure code review · threat modeling

EDUCATION

2025-PRESENT

BSc Computer Science

Università degli Studi del Molise (UniMol)
Currently enrolled.

2019/20-2024/25

Technical diploma, Computer Science

Istituto Tecnico G. Marconi, Campobasso
Five-year technical track.

SELECTED LINKS

[Portfolio](#) — errusso.github.io

[GitHub](#) — github.com/ErRusso

[Security lab](#) —

errusso.github.io/security/lab-idor

[PipeDuck v1.2.0](#) —

github.com/ErRusso/pipeduck/releases/tag/v1.2.0

[Marmotta](#) — github.com/napi-bindings/marmotta

AVAILABILITY

Junior full-stack roles · Italy / remote (EU timezone).

Italian — native · English — working proficiency.