

# Giuseppe Spennato

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Backend developer with experience in scalable architectures, distributed systems and DevOps. Currently Backend Owner at a startup and Physics Engineering student at Politecnico di Torino.

## EXPERIENCE

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### Backend Owner — Growing Way S.r.l.

September 2025 – Present • Turin, Italy

Backend owner for a short-term rental listings startup. Defined the technology stack: PostgreSQL with PostGIS, Redis for caching, SignalR and gRPC for real-time communications. DevOps pipeline management.

### Backend & DevOps Consultant — Freelance

March 2024 – Present • Turin, Italy

Backend .NET and DevOps consulting (Ansible, GitHub/GitLab CI, Docker) for B2B clients.

### Backend Developer — iDuck S.r.l.

January 2023 – September 2025 • Turin, Italy

Developed B2B control panels and data processing services on a platform with 40,000 users. Progressive transition to backend and DevOps infrastructure.

### Software Developer — WP Legacy

July 2022 – December 2022 • Turin, Italy

Developed control panels for business partners and data processing and statistics services.

## PROJECTS

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### Ermes — Rust

Microservice for multichannel delivery (push, email, SMS) with multi-provider support, automatic retry handling and horizontal scaling. Used in production across multiple projects.

## EDUCATION

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### Physics Engineering — Politecnico di Torino

September 2025 – Present

### Electronics and Electrical Engineering Diploma — I.I.S. A. Meucci, Casarano

September 2020 – July 2025 • 100/100 with Honours

## SKILLS

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**Backend:** .NET, C#, Rust, PostgreSQL, PostGIS, Redis, gRPC, SignalR

**DevOps:** Ansible, GitHub Actions, GitLab CI, Docker

**Embedded:** C, STM32

**Languages:** Italian (native), English (C1)

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