



RICCARDO SPINELLI

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Full-Stack Developer transitioning after 15 years in high-end gastronomy, including several years in Michelin-starred kitchens. Used to high-pressure environments with zero tolerance for error. Strong problem-solving, adaptability, and communication skills within multicultural teams. I now apply that same rigor to technical projects.



STACK

Programming Languages	C · C++ · JavaScript · Python
Web & Back-end	Node.js · Express · React · HTML/CSS REST API · JWT & Session Auth
Databases	MongoDB · SQL
Systems & Networking	Unix/Linux · Shell · Processes & Multithreading · Sockets (TCP/IP)
Tools & Debugging	Git · GitHub · Makefile · GDB · Valgrind · Docker
Spoken Languages	Spanish (Native) · English (C1) · French (B2) · Italian (A2)



PROJECTS

- ft_transcendence | Modular Full-Stack Web Application (in progress)**
Real-time web platform with modular architecture: authentication, real-time (WebSockets), database. Modules chosen among AI, cybersecurity, devops, data.
- WebServ | HTTP/1.1 Server in C++98**
Full development of an HTTP server. Implemented non-blocking I/O via multiplexing (select/poll) to handle multiple simultaneous clients. Managed virtual hosts, HTTP methods (GET, POST, DELETE), and CGI script execution.
- minishell | Bash Shell Replica in C**
Built a UNIX shell. Handled processes, pipes, file redirections, environment variables, and system signals.
- E-Commerce Platform | MERN Full-Stack Web App**
Online store with secure authentication. Admin dashboard with CRUD operations (POST, PUT, DELETE) for product management via REST API and MongoDB.



EDUCATION

- 42 Lausanne | Software Engineering Program | 2025 - Present**
 - Immersive, peer-to-peer, 100% project-based learning, no professors.
 - Focus on low-level programming (C/C++), system architecture, and algorithms.
 - Autonomous problem-solving on complex projects, strict adherence to coding standards.
 - Intensive practice of code review and peer evaluations, strengthening technical communication.
- Harvard / edX | CS50: Introduction to Computer Science | 2025**
 - Explored foundational computer science concepts and developed algorithmic thinking.
 - Hands-on implementation of core data structures and memory management.
- The Bridge | Full-Stack Web Developer Bootcamp | 2024 - 2025**
 - Intensive program focused on building full-stack applications with the MERN stack.
 - Training simulated production conditions to strengthen autonomy and debugging skills.
 - Collaborative problem-solving, with continuous code reviews between peers and instructors.
- UTU | Montevideo Hotel & Culinary School | 2011 - 2014**



PROFESSIONAL EXPERIENCE

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| Chef de Cuisine La Paire · Geneva | 2024 – 2026 | Rigor & Precision: Zero-tolerance operations for error, fast decision-making in demanding environments. |
| Chef de Cuisine Sauvage · Geneva | 2022 – 2025 | |
| International Background | 2012 – 2022 | Communication: Managed a team of 7 and smooth coordination of multicultural brigades. |
| Uruguay, United States, Sweden, Germany: Vollmers (2-Michelin-star, Malmö) La Maison (Berlin) East Miami Hotel | | Creativity & Adaptability: Developed creative solutions under constraint, managed high-volume services. |