Léo Gaudin

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EDUCATION

42   Málaga, Spain
Degree in Computer Science   *Feb. 2023 – Jul. 2024*
- C, C++, Rust, Python, Machine Learning, Linear Algebra, Boolean Algebra

The University of Western Australia   Perth, Australia
Bachelor of Arts in Communication and Media Studies   *Feb. 2020 – Dec. 2022*
- C, Java, Data Structures, Algorithms

EXPERIENCE

Software Development Engineer   Madrid, Spain
Amazon   *Apr. 2025 – Present*
- EU Tools and Machine Learning (Tamale) team.

Consultant in Software Engineering   Washington, United States of America (Remote)
The World Bank   *Mar. 2023 – Apr. 2025*
- Creator and technical director of the open-source TnT (Track-and-Trace) system
- Deploy system in Senegal, Nigeria, Malawi, Rwanda, Mauritania, Sierra Leone
- Ensure full functionality on obsolete devices in low-coverage zones of Africa

CTO   Utrecht, Netherlands (Remote)
BlueTree Group   *Mar. 2023 – Apr. 2025*
- 30% reduction in truck movements during national deliveries in Malawi
- Collaborate closely with USAID, FCDO, Mott MacDonald, Expertise France
- Work on-site with the Rwandan government and train local teams

IT Consultant   Utrecht, Netherlands (Remote)
BlueTree Group   *Sep. 2021 – Mar. 2023*

PROJECTS

La Bacarda   *Apr. 2024 – Present*
- *React, MongoDB, Express, TypeScript, Stripe, AWS*
- A full-stack web application to manage a boat rental company
- Digitalize processes, such as booking, payment, and customer management
- Implement a payment system using Stripe

TnT (Track-and-Trace)   *Mar. 2023 – Apr. 2025*
- *React, React Native, MongoDB, Express, Vercel*
- Develop an ecosystem of applications: web dashboard, mobile app, and API/DB
- Overcome scaling issues to handle large volumes with the very limited Vercel's free tier
- Maintain operating costs as low as 15€/month for the entire system

TECHNICAL SKILLS

Languages: C/C++, Rust, JavaScript, TypeScript, Python, PHP, SQL, x86 Assembly
Frameworks: React, React Native, Express
Tools: Git, Docker, Vercel, MongoDB, AWS
Valuable knowledge: Full-stack Development, Product Management, Systems Programming, Linear Algebra

OTHER

Languages: French (*native*), English (*fluent*), Spanish (*fluent*)
Learning objectives: Machine learning, Neural networks, Data science