Léo Gaudin

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EDUCATION

42 Málaga, Spain
Degree, 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, Communication and Media Studies *Feb. 2020 — Dec. 2022*
- C, Java, Data Structures, Algorithms

EXPERIENCE

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

The World Bank Washington, United States of America
Consultant in Software Engineering *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

BlueTree Group Utrecht, Netherlands
CTO *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

BlueTree Group Utrecht, Netherlands
IT Consultant *Sep. 2021 — Mar. 2023*

PROJECTS

La Bacarda *Apr. 2024 — Present*
- 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*
- 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
Knowledge: Full-Stack Development, Product Management, Systems Programming, Linear Algebra

OTHER

Languages: French, Spanish, English
Learning: ML, Neural Networks, Data Science