

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*
 - TBD
- 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