

# Léo Gaudin

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## EDUCATION

|   |                       |
|---|-----------------------|
| <b>42</b>   | Málaga, Spain         |
| Degree, Computer Science  | Feb. 2023 – Jul. 2024 |
| • C, C++, Rust, Python, Machine Learning, Linear Algebra, Boolean Algebra |                       |
| <b>The University of Western Australia</b>                                | Perth, Australia      |
| Bachelor of Arts, Communication and Media Studies                         | Feb. 2020 – Dec. 2022 |
| • C, Java, Data Structures, Algorithms                                    |                       |

## EXPERIENCE

|  |                                      |
|--|--------------------------------------|
| <b>Software Development Engineer</b>   | Madrid, Spain                        |
| Amazon   | Apr. 2025 – Present                  |
| • EU Tools and Machine Learning (Tamale) team.                                   |                                      |
| <b>Consultant in Software Engineering</b>  | Washington, United States of America |
| 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  |                                      |
| <b>CTO</b>   | Utrecht, Netherlands                 |
| 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                 |                                      |
| <b>IT Consultant</b>   | Utrecht, Netherlands                 |
| BlueTree Group   | Sep. 2021 – Mar. 2023                |

## PROJECTS

|  |                       |
|--|-----------------------|
| <b>La Bacarda</b>  | 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  |                       |
| <b>TnT (Track-and-Trace)</b>   | 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