

Léo Gaudin

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EDUCATION

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Degree in Computer Science

Málaga, Spain

Feb. 2023 – Jul. 2024

The University of Western Australia

Bachelor of Arts in Communication and Media Studies

Perth, Australia

Feb. 2020 – Dec. 2022

EXPERIENCE

Consultant in Software Engineering

Washington, United States of America (Remote)

The World Bank

Mar. 2023 – Present

- Creator, technical director and sole maintainer of the open-source Track-and-Trace system
- Deploy in Senegal, Nigeria, Malawi, Rwanda, Mauritania, and Sierra Leone
- Make local governments improve their data management and logistics
- Provide a relevant insight into large-scale distributions by correctly analyzing the collected data
- Develop a robust ecosystem capable of handling large volumes of parcels (over 300k per account)
- Ensure full scanner/GPS functionality on large samples of obsolete devices, in low-coverage zones of Africa

CTO

Utrecht, Netherlands (Remote)

BlueTree Group

Mar. 2023 – Present

- Discuss closely with international aid institutions: USAID, FCDO, Mott MacDonald, Expertise France
- Work on-site with the Rwandan government to implement our solutions and train local teams
- 30% reduction in truck movements during national deliveries in Malawi by deploying routing algorithms

IT Consultant

Utrecht, Netherlands (Remote)

BlueTree Group

Sep. 2021 – Mar. 2023

- Handle the backend of websites
- Automate internal processes (distribution lists bulk operations, etc.)

PROJECTS

La Bacarda | *React, MongoDB, Express, TypeScript, Stripe, AWS*

Apr. 2024 – Present

- Develop a full-stack web application to manage a boat rental company
- Aim to digitalize processes, such as booking, payment, and customer management
- Implement a payment system using Stripe
- Create separate dashboards for clients, employees and boat owners

Track-and-Trace | *React, React Native, MongoDB, Express, Vercel*

Mar. 2023 – Present

- Create the entire system based on the Bank's requirements, and later the local governments'
- Develop and 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

TECHNICAL SKILLS

Languages: C, C++, Rust, JavaScript, TypeScript, Python, SQL, PHP

Frameworks: React, Express

Tools: Git, Docker, Vercel, MongoDB, AWS

OTHER

Languages: French (*native*), English (*fluent*), Spanish (*fluent*)