Léo Gaudin

leo@gaudin.it | linkedin.com/in/leo-gaudin | github.com/leogaudin

EDUCATION

42   Málaga, Spain
Degree in Computer Science   *Feb. 2023 – Jul. 2024*

The University of Western Australia   Perth, Australia
Bachelor of Arts in Communication and Media Studies   *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 relevant use of the data collected to provide a good insight into large-scale distributions
- Develop a robust ecosystem capable of handling large volumes of parcels (over 300k)
- Provide flexibility to adapt to any country and their existing processes and structures
- 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 in Rwanda with the government to implement our solutions and train local teams
- Deploy routing algorithms to optimize national deliveries in Malawi → 30% reduction in movements

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*)