

Tojo RODIALSON

Senior Backend Developer | Go · PHP · Node.js | APIs & Cloud

E-mail : tojorodialson@gmail.com | Tel: +261 32 41 210 93 | WhatsApp : +44 7898 157621 | LinkedIn : linkedin.com/in/tojorodialson

PROFESSIONAL PROFILE

Backend developer with more than ten years of experience designing and building APIs, backend services and business applications in Go, PHP and Node.js. My work covers architecture, REST and GraphQL APIs, microservices, PostgreSQL, MySQL and MongoDB databases, and deployment on AWS with Docker, Kubernetes and CI/CD pipelines.

I have delivered systems for banking, agriculture, demographic data and international organisations, including a fund-tracking ERP for the World Bank, UNDP and UNICEF. As the founder of Everabyte and a former startup CTO, I understand how technical choices affect security, cost and delivery, and I bring that view to teams as a hands-on developer.

CAREER HIGHLIGHTS

- **Financial ERP:** designed the backend of a World Bank, UNDP and UNICEF ERP tracking over USD 200 million.
- **Everabyte:** founded a secure cloud storage provider in 2020 that handles over 50 TB of traffic a month.
- **Go APIs:** developed REST and GraphQL APIs in Go serving around 100 requests per second at 5 ms latency.
- **Anti-fraud:** built detection modules for 300,000 daily transactions that helped cut fraud by around 30%.
- **Leadership:** co-founded four startups, was CTO of three, and led a team of around 10 people at StartCheme.

TECHNICAL SKILLS

Languages: Go (Golang), PHP, JavaScript, TypeScript

Backend frameworks: Node.js (Express, Fastify, AdonisJS), Fiber, Gin, Laravel, Symfony, CodeIgniter, CakePHP

APIs and architecture: REST, GraphQL, microservices, Clean Architecture, design patterns, UML, Merise

Authentication and security: OAuth2, Keycloak, data protection, cybersecurity

Databases: PostgreSQL, MySQL, MongoDB, Redis, Oracle

Cloud and DevOps: AWS, Docker, Kubernetes, Jenkins, GitLab CI/CD, MinIO, Heroku, Plesk

Version control and methods: Git (GitLab, GitHub, Bitbucket), SVN, Agile (Scrum, Kanban), Jira

Frontend: React, Vue.js, Angular, Laravel Nova

Other technologies: Cardano blockchain, Open Badges, IoT integration

AI-assisted development: Claude Code and Codex for code generation, refactoring, testing and review, with human validation

PROFESSIONAL EXPERIENCE

Ctrlweb

Oct 2025 – Sept 2026

Backend / Full-Stack Developer

- Maintain and update the Aux33tours.com ERP, used by around 100,000 users (Laravel 10, MySQL, Laravel Nova).
- Develop an Open Badges engine that records certifications on Cardano, for an estimated 10,000 badges.

Self-employed

Jan 2025 – Present

Independent Developer Consultant

- Design and develop backend applications in Go, with a focus on performance.
- Advise on software architecture and migrate applications towards scalable, secure and maintainable systems.
- Build microservices and REST APIs for client projects.
- Set up CI/CD pipelines and automated deployments with Docker, Kubernetes and AWS.

Everabyte

Jan 2020 – Present

Founder

Secure cloud storage and servers for businesses, with a focus on data protection and cybersecurity.

- Design the storage infrastructure around data sovereignty and cybersecurity; it carries over 50 TB a month.
- Develop the Go and Fastify (Node.js) backend for around 100 concurrent users a day, and the React web interface.

- Administer PostgreSQL databases for high availability and scalability.
- Coordinate the team and manage projects, including CI/CD automation with Jenkins and GitLab.

Etech Consulting

Mar 2022 – Dec 2024

Full-Stack Developer

- **Financial ERP:** designed the backend architecture and developed a fund-tracking solution with advanced reporting for the World Bank, UNDP and UNICEF, used by around 100 people to track over MGA 1 trillion (more than USD 200 million). Symfony 5, Vue.js, Oracle, Docker, Git.
- **Anti-fraud:** built anomaly-detection modules for around 300,000 transactions a day, helping to cut fraud by around 30% (Redis, MySQL).
- **Banking CRM:** maintained BMOI bank's unsupported PHP 5.6 CRM, used by around 200 staff, with response times of around 10 ms. Released a patch that let users find the category of their files again.
- **Census platform:** built a platform to manage and analyse data on more than 50,000 people (React, PostgreSQL).
- **IoT monitoring:** led IoT integration and real-time monitoring for plantations (Node.js/Express, React, PostgreSQL).
- **Veterinary advice app:** migrated the app to Laravel 9 with MySQL on Heroku, with up-to-date security patches.
- **Airline app:** redesigned and optimised a passenger management application (Node.js/Express, MongoDB).
- **Plantation ERP:** optimised a tobacco plantation ERP with real-time inventory tracking (PHP 5.6, MySQL).
- Developed React frontends and integrated them with Node.js backends.

Kawa Group

Jan 2022 – Feb 2022

Full-Stack Developer

- Developed and integrated CRM modules for wine stock and sales management (Laravel, MySQL, JavaScript).
- Optimised and re-architected the "Les Plaisirs de l'Eau" project (Laravel, Vue.js, Jira, Plesk).
- Reworked the project's CI/CD workflows and introduced shared development standards.

Relia

Sep 2021 – Jan 2022

Full-Stack Developer

- Developed CRM modules for COVID-19 test management (CodeIgniter 3, MySQL).
- Designed and developed the Msera platform (Laravel, Angular, MySQL).
- Migrated MyDelibox, a restaurant order platform, to Laravel 8 with up-to-date security patches.

24H Truck

Sep 2020 – Dec 2020

Full-Stack Developer

- Developed a CRM for beauty salon scheduling (Laravel 7, PostgreSQL), deployed with Docker on AWS.

Carmoove

Aug 2020

Software Engineer

- Developed REST and GraphQL APIs in Go handling around 100 requests per second at around 5 ms latency.
- Designed and integrated backend microservices for mobile web services (Go, MongoDB).
- Implemented OAuth2 authentication with Keycloak and integrated it with a Symfony 5 application.
- Managed code in Git and automated development workflows.

NutrifelIO

Sep 2019 – Dec 2021

Co-founder & CTO

- Integrated AI and blockchain technologies to manage nutritional data securely.
- Shaped the company's growth and market expansion strategy alongside the technology roadmap.

Jloo

Mar 2019 – Jul 2019

Full-Stack Developer

- Rewrote a PHP 5.6 platform on Laravel 5.8, which made it faster.
- Optimised the code and strengthened system security.
- Automated monitoring and reporting tasks.

HoMyJob

Nov 2018 – Dec 2019

Co-founder & CTO

- Designed, developed and integrated the technical architecture of the platform (Laravel 6, MySQL, Git).
- Monitored and maintained existing programs, finding and fixing logic and code errors.
- Managed system performance and resolved technical issues.

Spendin

Oct 2018 – Sep 2019

Co-founder & Full-Stack Developer

- Developed the mobile backend architecture that lets customers view their receipts (Laravel, MongoDB, Git).
- Tuned the software configuration for performance and integrated new features.

NosRepas

Aug 2016 – May 2018

Co-founder & CTO

- Designed, developed and deployed web applications based on analysed requirements (CodeIgniter 3, MySQL, Git).
- Led operational initiatives aimed at growing the business.

StartCheme

Aug 2015 – May 2019

Technical Manager, Project Manager and Developer

Technical Manager

Aug 2015 – May 2019

- Led a technical team of around 10 people and delivered dozens of projects.
- Coordinated resources and budgets, and managed team performance.
- Introduced agile development and quality-control processes.

Developer

Jul 2017 – Aug 2017

- Designed and developed a CRM for a building construction company (Node.js/Express, React, MySQL, Git).

Project Manager

May 2016 – May 2017

- Identified the resources each project needed and set realistic timelines and checkpoints.
- Defined delivery methods to control costs and meet key milestones.
- Monitored budgets and deadlines against project objectives.

Tsitoraga

Jul 2015

Web Developer

- Developed an e-commerce platform for selling books (CakePHP 2.0).

Orange Madagascar

Sep 2014 – Jan 2015

Security Consultant Analyst

- Reviewed internal systems and organised training plans for the areas that needed improvement.
- Created and optimised records-management strategies to coordinate and protect information.

CERTIFICATIONS

- CompTIA Cybersecurity Certification, CompTIA, March 2025
- Professional Cloud Architect Certificate, IONOS, March 2025
- Technical Presales Certificate, IONOS, March 2025
- DEV204x: Programming with C#, March 2017

EDUCATION

Master's Degree in Computer Science, Geographic Information Systems, EMIT

2018 – 2020

Bachelor's Degree in Computer Science, EMIT

2011 – 2013

LANGUAGES

French: Fluent | **Malagasy:** Fluent | **English:** Intermediate

INTERESTS

Sports: Football, volleyball, handball | **Technology:** Cloud computing, robotics