

Niaina Michaël Razafimandimby

Tech Lead · Secure multi-tenant SaaS

michaniainar@gmail.com · balzaclegeek.github.io · linkedin.com/in/balzaclegeek · github.com/balzacLeGeek · Antananarivo, Madagascar · working remotely

I design and evolve applications where confidentiality is not optional. Since 2025 I have led the engineering team at BeSignal, an ISO 27001 certified whistleblowing platform used by organisations worldwide.

EXPERIENCE

Tech Lead (contractor) · BeSignal May 2026 – present
📍 Remote

Tech Lead (permanent) · BeSignal Mauritius May 2025 – May 2026
📍 Mauritius

Symfony Backend Developer (permanent) · BeSignal (formerly Signalement.net) Jun 2020 – May 2025
📍 Remote

ISO 27001 certified SaaS platform for ethics and compliance whistleblowing, used by organisations worldwide.

- **Maintained and evolved the legacy application (V1)** used by existing clients: bug fixes, enhancements and upgrades.
- **Designed, developed, tested and shipped features** for V2: React SPA, REST API with API Platform, asynchronous processing with Symfony Messenger.
- **Multi-tenant architecture**: each client chooses where its data is hosted, with a dedicated database.
- **Real-time messaging** between whistleblowers and case handlers, built on XMPP (Ejabberd).
- Strengthened **security, isolation and confidentiality** of data as part of ISO 27001.

Symfony Backend Developer · MyAgency Mar 2019 – May 2020
📍 Antananarivo, Madagascar

Real-estate rental and sales platform for a European client, in a team of four developers.

Ongoing maintenance, improvements to existing features and new features as requirements evolved. First professional work with Vue.js.

Full Stack Developer (contract) · SAFE Dec 2018 – Feb 2019
📍 Antananarivo, Madagascar

Completed a web application for an awareness campaign aimed at Antananarivo's informal sector, with the Ministry of Labour, Employment and Civil Service.

Web Developer · E-media Madagascar Nov 2017 – May 2018
📍 Antananarivo, Madagascar

Student attendance tracking with QR-code badges, working offline with automatic sync.

Tracks absences and tuition fees, with three interfaces: administration, students and teaching staff.

SKILLS

Backend	PHP 8 · Symfony · API Platform · Symfony Messenger · Doctrine · REST · GraphQL · Node.js
Data & real-time	MySQL · PostgreSQL · MongoDB · Redis · XMPP / Ejabberd · WebSocket
Infra & DevOps	Docker · GitLab CI/CD · Jenkins · Capistrano · Nginx · Clever Cloud · OVH
Security & compliance	ISO 27001 · RGPD / GDPR · Multi-tenant data isolation · Secure SDLC · Code review
Frontend	React · TypeScript · Vue · Astro · Vite
Leadership & AI tooling	Scoping & estimation · Agile / Scrum · Claude Code / Codex · QA automation · Jira · Notion
Environment	macOS · Linux

EDUCATION

Bachelor's degree in Computer Science ENI Fianarantsoa · Software engineering and systems / network administration	2016 – 2019
Startup incubation programme OIF · FFIN · Habaka Innovation Hub · Programme for the winners of the #Risk[S] 2016 hackathon	2017 – 2018
Professional web development training E-media Madagascar	2015 – 2016

RECOGNITION

7 podium finishes in hackathons and coding competitions between 2016 and 2018, as a team.

1st	Hackathon ODD au quotidien (UN SDGs) · Maltem Consulting · Passion 4 Humanity · IFM	2018
2nd	Hackathon — Smart Antananarivo · GDG Antananarivo · Bocasay · Axian · Telma	2018
2nd	Concours e-gouvernance mobile · Université de Fianarantsoa · Orange Madagascar	2018
3rd	NewTech Event — 48 h web challenge · Palais des Sports Mahamasina	2017
3rd	Madagasy'Cours DevApp · Ministère des Postes et du Numérique (MPTDN)	2017
2nd	Hackathon #Risk[Solutions] — cybersécurité · OIF · Habaka Innovation Hub	2016
3rd	Hackathon du Fofaja — crowdfunding · Habaka · Women in Tech Madagascar	2016