Sandratra Andriamampionona

Full-stack TypeScript Developer

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Portfolio · LinkedIn · WhatsApp

PROFILE

Backend-focused full-stack TypeScript developer specializing in business applications. I turn complex rules into reliable, testable and maintainable NestJS APIs, PostgreSQL models and React interfaces.

PROFESSIONAL EXPERIENCE

Backend-focused Full-stack Developer · Surf Web Development | July 2024 — present
Business application and automation design; React interfaces, NestJS APIs, n8n workflows, testing, deployment and maintenance.

Developer · BigExpansion | July 2023 — June 2024
Built and maintained public showcase websites, including bigexpansion.eu and profilssports.com.

Developer · Public Procurement Regulatory Authority | March 2022 — July 2023
Contributed to E-GP across e-Contract, e-Tender File and e-Planning: Angular, business forms, REST APIs, fixes, tests and deployment.

Software Developer Intern · Ministry of Economy and Finance | 2021
Contributed to a document management application.

SELECTED PROJECTS

LeadFlow — Lead Management Automation · Surf Web Development · production solution
React form connected to an n8n workflow: validation, webhook, Google Sheets, OAuth 2.0, SMTP email and Docker/Nginx deployment on an Ubuntu VPS.

Sports Facilities Management Platform · Surf Web Development · 2025–2026
Backend-focused full-stack development: recurring bookings, schedule conflicts, maintenance, NestJS APIs, Prisma/PostgreSQL and Jest tests.

Fydelicoli Business Investor · Freelance engagement
React/NestJS platform for investment contracts, interest calculations, maturities, repayments, permissions and PDF document generation.

SKILLS

- Core: TypeScript, React, React Native, NestJS, Node.js, PostgreSQL, Prisma
- Automation: n8n, webhooks, Google Sheets API, OAuth 2.0, SMTP
- Production: Docker, Nginx, Linux VPS, HTTPS, automated testing, CI/CD, Git
- Previous: Angular, CodeIgniter, Spring Boot
- Zoho: trial-account practice — CRM, Creator, Books, sales modules and customer processes

EDUCATION & LANGUAGES

Master's degree in Information Systems, Software Engineering and Artificial Intelligence — Institut Supérieur Polytechnique de Madagascar, 2022
Malagasy: native · French: fluent · English: intermediate