

MIARANTSOA AINAHARISON RASOLOFOARIMANGA

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PROFILE

A developer passionate about innovation and creating useful solutions, I am seeking stimulating opportunities to apply my rigor, curiosity and analytical skills in support of ambitious teams.

PROFESSIONAL EXPERIENCE

Data Collection Digitalisation Officer, Gasy Data Consulting Feb 2026 - Sep 2026

- Created and maintained ODK forms for the World Food Programme (WFP) to collect data on the agricultural sector in southern Madagascar.
- Created an application to simplify the creation of complex ODK forms.
- Analysed the collected data.
- **Technologies used:** KoboToolbox, Python, React

Backend Developer, Freelance Dec 2025 - Feb 2026

- Implemented a backend architecture dedicated to surveys, with optimised data integration into internal tools.
- Developed a RAG system for a conversational assistant
- **Technologies used:** FastAPI, Postgres, Milvus, Google ADK

Full Stack Developer, Ingenosya (Internship) May 2025 - Nov 2025

- Participated in developing LogiCivil, a civil case management system for the courts of first instance in Madagascar.
- Joined the development teams and contributed to application improvements (bug fixes and new features).
- Performed data migration to update the production database and search engine following application changes.
- **Technologies used:** Angular, Spring Boot (Microservices), Python, PostgreSQL, MongoDB, Keycloak, Typesense, RabbitMQ.

SKILLS

- **Languages et plateforms:** Java, Python, PHP, HTML, CSS, JavaScript/TypeScript, J2EE.
- **Frameworks:** Spring Boot, Spring MVC, Code Igniter, Symfony, Flask, Fast API, Angular, React, Ionic, ExpressJS.
- **Databases:** Oracle Database, PostgreSQL, MySQL, MongoDB, Firestore (Firebase).
- **Tools:** Git, Docker, Jira.

EDUCATION

Master of Science, Year 2, MBDS track Oct 2026 - Present
Université Côte d'Azur, Nice, France

Bachelor of Science in Computer Science, Software Development track Sep 2022 - Nov 2025
IT-University Andoharanofotsy, Antananarivo, Madagascar

ADDITIONAL INFORMATION

- **Languages:** Malagasy (Native), French (C2 - Bilingual), English (B2 - Advanced)
- **Awards:** 3rd place at the 6th HIU (Hackathon Inter-Universitaire) in Madagascar.
- **Strenghts:** versatile, resilient, team player, responsible
- **Hobbies:** basketball, music, photography, trail running