



# JOHARISOA RATSIRARSON

## FULL STACK WEB DEVELOPER | AWS CLOUD PRACTITIONER

### ABOUT

- ✉ ratsirarsonj@gmail.com
- 🏠 IVI 93 Mandialaza Ambodivona  
Antananarivo
- 📅 23 years old
- 🇲🇵 Malagasy
- 🚗 Driving licence (B)
- 📍 Antananarivo
- ☎ +261 34 91 407 02
- 👤 Single

### LANGUAGES

- Malagasy** Mother tongue
- French** Complete Professional  
Competence
- English** Professional competence

### SPORTS PRACTICED

- Table Tennis**
- Swimming**
- Football** Member of ESCA  
Antanimena Football Club
- Basketball** Member NextHope  
Basketball Club

*Bachelor's degree specializing in application development, web, and data science. Passionate about the new technologies of the future, such as Artificial Intelligence, Cloud Computing (AWS Cloud Practitioner certification), BlockChain and modern technologies designed for innovation.*

### WORK EXPERIENCE

#### Full Stack Web Developer Engineer Since December 2022

NextHope Antananarivo

- **Moozik** : a music streaming application aimed at a local clientele (Madagascar) but available worldwide, featuring a complex architecture that rivals global streaming applications. Mainly responsible for developing the backend (PHP Laravel, PostgreSQL), but also a Javascript backoffice interface (Angular JS).
- **Odoo development**: ERP (Enterprise resource planning) development for internal and external customers (Python).

#### Developer Trainee From June 2022 to November 2022

NextHope Antananarivo

**Ticketplace** : development and redesign of the Point of Sale application, designed for on-site ticket sellers.

Stack used : Django (Python), MySQL, React JS

### EDUCATION

#### Master MBDS (Mobiquité, Base de Données et intégrations de Systèmes) Since November 2023

University of Côte d'Azur Nice, France

- Advanced (OR and OO) and standard (SQL3, ODMG) databases", Oracle Advanced Administration, relational/object data server tuning
- Advanced Oracle administration, optimization ("tuning") of a relational/object data server, Datawarehouse
- Advanced Java (EJB, JSP, J2EE, CDI, etc.), J2EE platform and wireless application server
- Application servers (including mobile) and .NET development environment
- ANDROID and IOS development environment

#### Master 1 in Computer Science From December 2022 to September 2023

IT University Antananarivo, Madagascar

- Deepening of concepts learned in undergraduate studies
- Various new fields: Cybersecurity, Machine Learning, Project Management, Software Engineering Approach, Micro-service Architecture, Clustering

#### Bachelor's degree in Computer Science, Applications and Software Development option From September 2019 to November 2022

IT University Antananarivo, Madagascar

- Participation in numerous educational IT projects at the IT University
- Top 4 in the Bachelor's class

## HOBBIES

Reading  
Youtube Tutorials  
Video Games

## ASSETS

Communication and Adaptability

Leadership

Team leader for many school application projects and hackathons

## EDUCATION

**Scientific Baccalaureate** From 2004 to 2019  
[Ecole Sacré Coeur Antanimena](#) Antananarivo, Madagascar  
Member of the Swimming Club and the Football Club

## ADDITIONAL CERTIFICATIONS

**Test of English as a Foreign Language (TOEFL) IBT** From July 2024 to July 2026  
[ETS](#) Home Edition

**AWS Cloud Practitioner** From February 2024 to February 2027  
[Amazon Web Services](#)

**Verification Number:** 572542566353478281be0cd0b402f028  
Holders of this certification have a fundamental understanding of IT services and their use in the AWS cloud by being able to identify the essential AWS services needed to implement AWS-centric projects.

**Diplôme d'Etude de la Langue Française (DELF) B2** November 2019  
[Alliance Française](#) Antananarivo

## AWARDS AND DISTINCTIONS

**Participation in the WebCup 2022 competition** May 2022  
[WebCup Association](#) Antananarivo

**HIU participation (Inter-University Hackathon) 2022** April 2022  
[TechZara](#) Antananarivo

**Hackathon to bring peace (Hack4peace)** September 2021  
[Ministry of Youth and Sports, UN](#) Antananarivo  
2nd Prize with the E-ASA Sy Tontolo Project, a job search platform, also a platform that enables people working in the informal sector to orient themselves more towards the formal sector.

## ADDITIONAL SKILLS

**Cloud Computing**

- **Cloudflare** : Caching, Images Storage, Content Delivery Network
- **Amazon Web Services** : EC2, S3, IAM, AWS RDS, AWS CloudFront, API Gateway, ...
- **Firebase** : Hosting, Storage, Firebase Custom Messaging

**Database Management System**

- **SQL** : MySQL, PostgreSQL, Oracle, MariaDB
- **NoSQL** : MongoDB

**Tools for Developers**

Git, Docker, NGINX, Apache, Bash, Linux