

RAINIZAFINDRAKOTO Ray Bryan Sarobidy

Full-Stack Developer

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Antananarivo, Madagascar



PROFILE

Computer science student and full-stack developer, I build robust, well-structured web applications end to end, from database design to user interface. Rigorous, autonomous and curious, I turn concrete requirements into working solutions and keep improving through hands-on practice.

SKILLS

Languages: Java, Python, PHP, JavaScript

Frameworks: Spring Boot, Laravel, React.js, Vue.js

Databases: PostgreSQL, MySQL, Oracle, Firestore

Tools: Git, Docker, Power BI, Office Suite

Soft skills: Analytical thinking and problem-solving, autonomy and initiative, technical curiosity and eagerness to learn

PROFESSIONAL EXPERIENCE

Software Developer Intern | BICI - Madagascar

Jun 2026 - Present

- Develop and maintain ERP modules in Java, strengthening the reliability of the company's core business processes.
- Design and implement tailored features in collaboration with business teams to meet operational needs.
- Write and optimize SQL queries to ensure data integrity and consistency.
- Identify, diagnose and fix bugs, improving the stability and quality of the modules.

VOLUNTEER EXPERIENCE

Treasurer | IT Volunteers - Antananarivo

Mar 2026 - Present

- Manage the club's finances (budget, expense tracking, reporting) within IT Volunteers, the IT University's volunteer club.
- Actively contribute to organizing club initiatives and events.

ACADEMIC PROJECTS

Aetheris

- Designed and built a lightweight MVC framework in Java to gain an in-depth understanding of how a web framework works internally and the full lifecycle of an HTTP request.
- Technologies: Java. Role: sole developer, architecture, implementation and documentation.

Signaleo

- Web and mobile platform for reporting and tracking road works in Antananarivo, featuring an interactive map and real-time status tracking.
- Technologies: Spring Boot, React.js, Vue.js, Ionic, PostgreSQL, Firebase.
- Role: contributed to the database design, developed the web version, and implemented data synchronization between PostgreSQL and Firestore for cross-platform consistency.

ERP

- Web application for managing purchases, sales and inventory, centralizing operations and providing dashboards enriched with AI-driven insights.
- Technologies: Laravel.
- Role: contributed to the database design and developed the purchasing module, delivering a complete workflow that optimizes operations traceability.

EDUCATION

B.Sc. in Computer Science (L3) | IT University - Andoharanofotsy

2023 - Present

High School Diploma, Science Track (Série C) | Lycée Privé Saint Joseph - Antsirabe

2023

LANGUAGES & INTERESTS

Languages: Malagasy (native), French (fluent), English (professional working proficiency)

Interests: Football, cinema, reading