



PROFILE

Graduated in software engineering and database management from the National School of Computer Science, currently pursuing a Ph.D. in Computer Science. Enthusiastic and dedicated to the field of computer science, with a particular focus on programming. Specialized in web development.

CONTACT

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COMPUTER SKILLS

- ✓ Programming Languages :
C, PHP, JavaScript, Python
- ✓ Web Technologies
HTML, AJAX, API, Node JS
- ✓ Frameworks and Libraries :
Laravel, Express JS, React JS, Next JS
- ✓ Database Management
Systems (DBMS):
MySQL, Mongo DB
- ✓ Modeling
MERISE, UML
- ✓ Version Control Tools :
GitHub, GitLab
- ✓ Project Management :
Agile, SCRUM
- ✓ Good Coding Practices :
Design Patterns, SOLID Principles,
Clean Code Principles

ANDRIANTSIALO ELYAH FRISCO

EDUCATION

Doctoral School in Modeling - Computer Science

2023-present
Ph.D. in Computer Science

National School of Computer Science

2022-2023
Research Master's in Software Engineering and Database Management

National School of Computer Science

2020-2022
Professional Master's in Software Engineering and Database Management

National School of Computer Science

2017-2019
Bachelor's Degree in Software Engineering and Database Management

Private High School "Fo Masin'i Jesoa"

2016-2017
High School Diploma in Scientific Series, major in Computer Science

PROFESSIONAL EXPERIENCE AS A DEVELOPER

KAWA-GROUP, Full Stack Developer

July 2023 - June 2024

Responsible for developing web applications using PHP, Laravel, Vue.js, and Next.js:

- « **Hello Archi** »: An online platform to find an architect and bring construction or renovation ideas to life, developed with Next.js, Node.js, and MySQL.
- « **PLE** »: An application to manage the activities of the company "Le plaisir de l'eau", developed with Vue.js, Laravel, and Inertia.
- « **City-Car** »: An application offering affordable used cars for sale or rent in Paris and Levallois, developed with Laravel.

UN-IT, Co-founder and Project Manager & Lead Developer

January 2023 – Present

- Defined the technical architecture of projects, ensuring alignment with technological standards and performance goals.
- Managed development teams, ensuring code stability and efficiency in production deployments..

✓ Application Management and Deployment:
CI/CD, Simple Deployment

✓ Office Tools :
Microsoft Word, Excel, PowerPoint

✓ Office Tools :
Windows, Linux

SOFT SKILLS

- ✓ Ability to solve complex problems.
- ✓ Analytical and critical thinking skills.
- ✓ Quick to adapt to new environments and technologies.
- ✓ Efficient time management and organizational skills.
- ✓ Teamwork
- ✓ Strong communication skills.

INTERESTS

- ✓ Coding Game
- ✓ Chess and Video Games
- ✓ Sports
- ✓ Reading

LANGUES

- ✓ Malagasy : Excellent
- ✓ French : Excellent
- ✓ English : Good

DRIVING LICENSE

- ✓ A, A' ' (Motorcycle)
- ✓ B (Cars)

PORTFOLIO



Freelance, HTML and CSS Integrator | Laravel Developer

2021 - 2022

Integrated custom web designs using HTML and CSS; developed showcase websites and web applications with Laravel:

- « **Laura Foglia** »: A showcase website and blog developed with WordPress.
- « **Yuppie-Hub** »: An application connecting virtual assistants with clients, developed with Laravel and JavaScript.
- « **Gestion Etablissement** »: A web application for managing an establishment in Madagascar, developed with Laravel.

ARATO, PHP Developer

2019 - 2020

Responsible for the design and development of applications and websites using Laravel and Symfony:

- « **Web Site** »: A showcase website for a football club in Madagascar, developed with Symfony.
- « **Sales Management** »: An application for managing a store's sales activities, developed with Laravel.

PROFESSIONAL EXPERIENCE AS A TEACHER

ESTI University, Professional Trainer

September 2024 - November 2024

- Responsible for training on the introduction to Big Data and data analysis, including the fundamentals of relational databases and the use of PhpMyAdmin.
- Conducted practical workshops on AI tools such as ChatGPT to optimize professional tasks.

CERES, Trainer

June 2024 - July 2024

- Responsible for office software training for CERES employees, including Excel, Word, and PowerPoint.
- Led training sessions on the use of artificial intelligence tools to assist with daily tasks, such as ChatGPT, Canva, and Gamma.

Kajy University, Instructor

March 2024 - Present

- Responsible for courses on Design Patterns, Design Methodologies, Introduction to Data Science, and Artificial Intelligence.
- In charge of the Machine Learning curriculum.

Freelance, Web Development Trainer

2022 - 2023

- Designed training programs in web development for various learning levels: Beginner, Intermediate, Advanced.
- Developed pedagogical approaches tailored to the profiles and needs of learners.

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High school FMJ, Computer Science Teacher

2020 - 2021

- Responsible for teaching office computer science courses at Lycée privé FMJ, Fianarantsoa.
- Managed the maintenance of the school's computer equipment.

INTERNSHIPS

SN CORP, Study Internship

2021-2022

Topic: Design and implementation of an online recruitment platform.
Technologies : Tailwind CSS, Alpine.js, Livewire, Laravel

ZOMATEL Fianarantsoa, Study Internship

2018-2019

Topic: Design and implementation of an audio-to-text transcription application.

Technologies: Python, Deep Learning, TensorFlow, Keras, SpeechRecognition, PyDub

PAOSITRA Malagasy, Study Internship

2017-2018

Topic: Design and implementation of an audio-to-text transcription application.

Technologies: PHP MVC, AJAX, MySQL

RESEARCH PROJECTS

EDMI, PhD Thesis

2023 - Present

Thesis Topic: Plagiarism Detection using Natural Language Processing and Image Analysis - Case Study: University Thesis Fianarantsoa, Madagascar.

Published Articles :

- "Semantic Exploration of Textual Analogies for Advanced Plagiarism Detection," Proceedings of the 16th International Conference on Computational Processing of Portuguese - Vol. 2, 2024

ENI, Research Project

2022 -2023

Topic: Implementation of a system for detecting similarities between texts to detect plagiarism.

TEAM PROJECTS ENI

ENI, Team Project

2020-2021

Topic: Development and implementation of a platform dedicated to the optimal management of thesis defenses at the National School of Engineers (ENI).

Technologies: Laravel, AJAX, Bootstrap

ENI, Team Project

2016-2017

Topic: Development and implementation of a stock management application for a store.

Technologies: Qt Creator, C++