

FIAROTIANA ANJARASOA DAVID

Beau Bassin, Rose Hill, Mauritius | 230.58.23.63.84 | 261.32.26.534.11 | fiarotiana357@gmail.com | <https://fiarotiana.github.io/Portfolio/>

SKILLS

- **Languages:** Java, JavaScript, TypeScript, HTML, CSS
- **Frameworks and Libraries:** React, Angular, Spring Boot, Ng Zorro
- **Development Tools and IDEs:** Visual Studio Code, IntelliJ IDEA, Docker, Azure DevOps, Cursor AI, GitLab
- **Database Management:** SQL Server, MySQL, PostgreSQL
- **API Development:** RESTful APIs
- **UI/UX Design:** Figma, Bootstrap
- **Version Control:** Git

EXPERIENCE

Technology Consultant – Full Stack Developer

State Informatics Limited (SIL) | Port Louis, Mauritius

Jul 2023 - Present

I contributed to the development of an online Mauritian government portal that helps the management of loans, passage benefits for government employees, and the payment of public service pensions and other retirement allowances, in line with established rules, laws, and regulations.

My role included:

- Conducted comprehensive code reviews to ensure compliance with coding standards, best practices, and quality guidelines, providing feedback and improvements to keep high code integrity across projects.
- Diagnosed and resolved system bugs, found root causes, and implemented effective solutions to enhance system stability and reliability.
- Developed both frontend and backend components, focusing on user interface improvements, responsive design, microservice integration, performance optimization, and data integrity.
- Contributed to the architecture, design, and implementation of a new feature, ensuring alignment with project specifications and standards.

Full Stack Developer JAVA | Angular

Société Générale Madagascar | Antananarivo, Madagascar

Apr 2022 – Jun 2023

As part of the development of high-quality web applications for the Digitalization Service, and in close collaboration with the Information System Organization Project Directorate. Multiple exemplary projects have been implemented to meet the internal needs of the bank.

Challenges:

- **Transaction Monitoring System:** Led the development of an innovative tool for consulting and analyzing user data, providing precise and reliable tracking of monetary transactions to improve financial oversight.
- **Benchmark Online:** Developed a benchmarking tool that enables the bank to effectively compare performance against competitors, using key metrics for strategic decision-making.
- **Data Evo:** Spearheaded the design and implementation of a data management system that securely archives periodic banking data for up to two years. Enabled self-service access to pre-existing queries and automated data extractions for enhanced reporting, aiding both commercial and administrative decisions.
- **Digital Sign:** Created a secure digital signature solution that allowed electronic signing of documents, which improved administrative efficiency and streamlined processes.

Internship – Master II

Assurances ARO | Antananarivo, Madagascar

May 2021 – Nov 2021

Web Service Catalog: Developed and implemented a secure web application for the exchange of confidential data, supporting a university research project by ensuring data privacy and compliance with security protocols.

Freelance

In my freelance journey, I have had the pleasure of working on a variety of exciting projects, each offering new challenges and opportunities to gain experience.

Projects:

- **AppTag:** Transformed Figma designs into fully functional React components with pixel-perfect accuracy, ensuring the final product closely mirrored the original designs. Emphasized React best practices to develop reusable components and improve performance for an enhanced user experience.
- **The Social Network:** Developed an internal social media application to connect employees and enable real-time information sharing. Implemented features such as posting updates, liking, and commenting on posts, and colleague interactions. Built using the MERN stack (MongoDB, Express, React, Node.js) to ensure scalability and fast updates, incorporating secure user authentication and data handling for a reliable platform.

These experiences have helped me fine-tune my skills in building efficient and user-friendly applications, enabling me to deliver solutions that not only meet but exceed client expectations.

EDUCATION

Master's degree in computer science and Telecommunications

ISPM: Institut Supérieur Polytechnique de Madagascar | Antananarivo, Madagascar

2022

LICENSE 's DEGREE in Computer Science and Telecommunications

ISPM: Institut Supérieur Polytechnique de Madagascar | Antananarivo, Madagascar

2019

BACHELOR'S | C Series

LRV: Lycée RAZAFINDRABE Victorien | Moramanga, Madagascar

2015

LANGUAGES

- **English:** Intermediate
- **French:** Fluent

REFERENCES**Mahaliana RAJAOFETRA**

Société Générale Madagascar | <https://www.linkedin.com/in/mahalianarajaofetra>