Manolo Saotra RAJAONAH

Software Developer

I am a passionate developer who loves challenges. I always strive to adapt to my environment and understand the context. I enjoy my work and have a constant desire to learn, contribute to exciting projects, and evolve both as a developer and as a person.

- ✉ Manolo.Rajaonah@gmail.com
- ⌂ Antananarivo MADAGASCAR.
- 🔗 manolorajaonah.netlify.app
- 📞 +261 34 50 102 07

Languages

French
Fluent

English
Fluent

Skills

Technologies
- HTML | CSS | NextJS | JavaScript, React.JS | Node.JS | SASS | AWS | MySql | SQL.
- Unit Testing | MVC Design Pattern | DevOps | Linux | Agile method | Kanboard | Wekan | Jira | Results-Based Management (RBM).
- Microservices | Docker | Supabase | Git

Education

Master of Engineering in Telecommunication specialization in Systems and Data process

From March 2019 to September 2021
Polytechnic School of Engineering - Antananarivo Vontovorona, MADAGASCAR

Master of Engineering in Telecommunication specialization in Systems and Data process

From January 2016 to January 2019
Polytechnic School of Engineering - Antananarivo Vontovorona MADAGASCAR

Work experience

Software Developer Engineer

Since October 2023 2M Office - Evalucar Ampandrana-Immeuble LA VALLE

- Fullstack developpement with NextJS/Reactjs, Supabase
- Implement vehicle registration certificate Front End
- Developpment of AI for signature detection and integration in FrontEnd Interface
- Deployement of AI Python function in AWS Lambda/AWS ECR

Technologies : NextJS, Docker, Supabase Python, Torch, GIT, AWS Lambda/ECR

Software Developer Engineer - Fulltime

From February 2022 to September 2023
Intervention Fund for Developpement | FID & World Bank Rue Ravoahangy Andrianavalona Joseph, Antananarivo 101 MADAGASCAR

- Implemented Ticketing module of the information system for the control of the problems and their resolutions using React, PHP CodeIgniter, Java Spring Boot this module is used by more than 10 System information assistants , the system increased the speed and
control of problem resolutions by 40% in 2022.
- Designed and developed systems facilitating audit and project planification using Gantt diagram in React, Rest API, Webservice, Java Spring Boot used by 70 projects managers.
- Developed a module called monitoring and evaluation to monitoring in real time: data collection, filling rate, data quality , interactive Map using React, MySql, CodeIgniter used by 80 projects managers.
- Developed Intern information system called PGI Integrated management software React, Rest API, Webservice, Codeigniter Backend
the modules are : Vacation/leave management, Mission management, fixed asset management .This sofIware is actually used by over 250 employees.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews.

Technologies : ReactJS, UI/UX, Webservice API, Backend JAVA Spring Boot et PHP , SVN Tortoise.

Work experience

Software Engineer - Internship

From January 2021 to September 2021
FIPMAM - PROTESTANT ASSOCIATION OF CHILD CAREERS IN MADAGASCAR
Vohipiraisana Antananarivo
RESULTS OF WORK :
- Design the FIPMAM Website
- WEB Integration and Deployment of the Website
Technologies : REACT JS , Php, MySQL/Oracle, Git

Software Engineer - Internship

From October 2018 to January 2019
Agency for Aerial Navigation Safety in Africa and Madagascar | ASECNA
Ivato Antananarivo
https://www.asecna.aero/
- Development of a digitalization platform
(Intranet) of the RSI department (Network and System
of information)
- Development of the leave management module
Technologies : REACT JS , CodeIgniter 3-4, MySQL/Oracle

Side projects

Software Developer Engineer - part time

Since October 2022 Hasnreziga Informatique Ambohipo Madagascar
• Developed Hasnreziga website in REACT, HTML CSS Bootstrap Jquery , From
UX/UI Design through Integration, Backend Development with Codeigniter to
Deployment in Linux Apache server Devops.
• Continuous Integration/Deployment Pipeline Integration, pull requests,
code reviews.
Technologies: ReactJS, UI/UX, Webservice API, Backend JAVA Spring Boot
and PHP, Git Tortoise.

**Development of WEB platform for student management - Front End
REACTJS and Java Spring**

From February 2022 to July 2022 . .
- Fullstack development of a WEB application for student management
Technologies: JAVA Spring Boot/Hibernate JPA/Maven, JWT, ReactJS, MySQL.

**Web platform development for pharmacy stock management - JAVA
SPRING**

From June 2021 to January 2022 . .
- Fullstack development of a WEB application for stock management of
the "MIHAOTRA Fenoarivo" pharmacy and maintenance of the platform.
Technologies: JAVA Spring Boot/Hibernate JPA/Maven, JWT, ReactJS, MySQL.

Desktop software development in JAVA for text projection

From March 2019 to August 2019
- Development of desktop software for reading biblical lyric in projection
- Development of several functionalities: intelligent saving of texts, history,
modification of layout parameters.
Technologies : JAVA, JavaFx, MySql

Community activities

FIPMAM - Protestant child care organization in Madagascar
- Treasury secretary at the level of the locality of Imerintsiafindra
Ambohitrandriana
- Summer camp monitor | Educatorsummer camp monitor

FI.PMI.MA - Association of Malagasy Kabary
"Fikambanan'ny mpikabary Malagasy" for the promotion of Malagasy culture