RAILALA Andriatsimarivo, Web Developer

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Enthusiastic FullStack Web Developer with over 6 years of experience, passionate about creating innovative technological solutions. Seeking new opportunities to contribute to exciting projects and evolve within a dynamic community. My professional journey has enabled me to design and develop various websites across diverse domains, utilizing technologies including *JavaScript, TypeScript, ReactJS, NodeJS, SQL, NoSQL, PHP and Java*. These skills are complemented by my agile adaptability and effective communication prowess.

WORK EXPERIENCE

April 2023 – Today   **FullStack Developer**   *Adaptive Inc., Montreal, QC*

- Participating in the design and implementation of a sophisticated trading platform as a flagship project. Skills: *ReactJS, Storybook, Redux, Typescript, API, Unit Testing.*
- Investing in my professional growth by undergoing intensive training in the Java language and its associated environments. Skills: *Java Spring Boot, Gradle.*

March 2021 – March 2023   **ReactJS Developer**   *Esokia, Madagascar*

- Leading the comprehensive redesign of a hotel website, transitioning from Drupal (PHP) to NextJS. Skills: *NextJS, API, Unit Testing, Optimization.*
- Actively contributed to the development of an innovative feature enabling passport digitization for user identification within a mobile application, powered by Artificial Intelligence to extract user information. Skills: *ReactJS, TypeScript, Redux, JWT.*
- Designing and implementing a critical web documentation page for the modification of internal website structures. Skills: *ReactJS, SASS, Static Deployment.*
- Successfully creating and integrating diverse themes for multiple markets within a Sitecore-based website. Skills: *SASS, HTML, JavaScript, Gulp, CI/CD.*
- Responsible for integrating a Figma design mock-up into a Magento theme, ensuring a seamless alignment between design and implementation. Skills: *SASS, HTML, JavaScript.*
- Ensured proactive maintenance of a widget handling user logins, registrations, and password resets, ensuring a seamless user experience. Skills: *VueJS.*
- Collaborated effectively within a 15-member Agile team, utilizing Azure DevOps for task management and Git flow for seamless code collaboration.

July 2019 – March 2021   **FullStack Developer**   *Ingenosya, Madagascar*

- Led the development of an advanced administration page in ReactJS, efficiently managing advertisements integrated into videos while generating crucial metrics to evaluate the impact of company-advertised content. Skills: *ReactJS, TypeScript, Redux, NodeJS, MongoDB, Redis, Unit Testing, CI/CD Development, Agile System.*
- Ensured proactive maintenance and functional expansion of multiple websites, addressing specific needs and client requests. Skills: *PHP, MySQL, HTML, CSS, JavaScript, FTP.*
- Ensured the sustainability of a proprietary Framework tailored for the client, facilitating the creation of new websites in alignment with company themes and policies. Skills: *PHP, MySQL, SSH.*
- Designed and executed an advanced database update script for a real estate advertising website. Skills: *PHP, MySQL, SSH, Crontab.*
- Complete development of a web and mobile messaging application, engaging users visiting a website. Skills: *JavaScript, PHP, MySQL, Swift, WebView.*

April 2015 – June 2020   **FullStack Freelance Developer**   *Freelance*

- Directed the design and development of several customized websites for a variety of clients and industries. As an individual contributor to the majority of projects, I also assumed the role of team leader, overseeing a team of three individuals during complex projects. Skills: *ReactJS, TypeScript, VueJS, NuxtJS, HTML5, SASS, CSS3, PHP, MySQL, MongoDB, NodeJS, ExpressJS, JWT Auth, Auth0, AWS, DevOps, CI/CD, Unit testing.*
- Successful creation of hybrid mobile applications using *React Native*, delivering optimal user experiences across a variety of platforms.
- Accomplishment of an innovative web form with an "offline first" approach, utilizing *Progressive Web App (PWA)* technology. This enables users to access and fill out the form in offline mode, ensuring a seamless and intuitive user experience even without an internet connection.

November 2016 – January 2017   **Web Developer Internship**   *Ruanko Company, China*

- Played a pivotal role in the proactive maintenance of a high-traffic e-commerce website, attracting over 2000 users per day. I gained an in-depth understanding of server performance management to ensure an optimal experience for the large user base. <u>Skills</u>: ***Java EE, CSS, JavaScript, Bash.***
- Enhanced the visual appeal and user experience (UI/UX) of a website, thereby improving overall attractiveness and user-friendliness. <u>Skills</u>: ***CSS, HTML, JavaScript.***
- Successfully created an engaging product demo page, showcasing the features and appeal of a specific product. <u>Skills</u>: ***HTML, CSS, JavaScript.***

March 2016 – April 2017   **FullStack Web Developer**   *Wuhan GNLaser, China*

- Led the design of an English version of the company's website, aiming to provide an optimal experience for their international customers. <u>Skills</u>: ***PHP, HTML, CSS, JavaScript, MySQL.***
- Engaged in meticulous optimization of the website's HTML tags, aiming to enhance web ***search engine optimization (SEO)***. This strategic initiative was undertaken to maximize the company's reach and relevance on search engines.

February 2016 – March 2018   **FullStack Web Developer**   *Africa-China Business Group*

- Completed the comprehensive design of a website enticing African students to pursue their studies in China, highlighting the benefits of this educational experience. <u>Skills</u>: ***PHP, JavaScript, MySQL.***
- Developed a customized mini–***Enterprise Resource Planning (ERP)*** system to efficiently record and track activities within the Africa-China Business Group, contributing to optimal operational management.

February 2012 – May 2012   **Software Engineer Internship**   *Ministry of National Education*

- Conceptualization and creation of an innovative software prototype designed to automate the management of school sports activities, enabling computerized tracking of sports events. <u>Skills</u>: ***Python, SQLite.***

ÉDUCATION

Master's Degree in Artificial Intelligence   *2017 – 2019*

Wuhan University of Technology (China)

Bachelor's Degree in Software Engineering   *2013 – 2017*

Wuhan University of Technology (China)

Chinese Language   *2012*

Wuhan University of Geoscience (China)

High School Diploma   *2009*

Lycée Privé Nomentsoa (Madagascar)

LANGUAGES

French   Native Language

English   Fluent

SKILLS AND ABILITIES

- Creative programming.
- Exploration of new technologies.
- Sociable and attentive to understanding and fulfilling customer needs.
- Skilled in optimizing the sharing of information in an organized and concise manner.
- Diligent team player.
- Analytical and synthesizing mindset, structured and effective communicator.
- Proficient in Mac, Windows, and Linux environments.