AMBININTSOA MANANJARA HERIZO
FULLSTACK DEVELOPER
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SUMMARY

Professional Full-Stack Developer, holding a Master's degree in computer of science and experienced in a variety of web technologies. Portfolio demonstrates expertise in creating robust applications: https://ambinintsoaherizo.com/.

PROFESSIONAL AND PROJECT EXPERIENCES

Professional experience:

NOMADE INGENIERIE: Full-Stack Web Developer - Aug 2023 - Present

- Spearheaded the refactoring of an existing web application built with Nest.js and AngularJS, enhancing its architecture for improved performance, scalability, and maintainability.
- Led the development of a mobile version of the application using Flutter, ensuring a seamless and responsive user experience across both web and mobile platforms.
- Collaborated closely with cross-functional teams to identify and implement best practices, significantly reducing bugs and improving the overall code quality.

Herogami Tech: Full-Stack Developer – Jan 2023 - May 2023

- Development of an e-learning platform using Node.js and React, featuring interactive online courses, course management, user authentication, progress tracking and quizzes.
- Successful launch of the e-learning platform, meeting customer expectations and requirements.

Tool 'Art Application: Full-Stack Web Developer – Sep 2022 - Feb 2023

- Design and development of an online game using Vue.js for the frontend and PHP on the backend side.
- Development of an intuitive administrative dashboard for managing users, bets, payments and monitoring system activities.

Gerock Group: Full-Stack Web Developer – Mar 2022 - Aug 2022

- Design and development of a sales history application using React.js And .Net.
- Performance optimization by implementing caching strategies, improving server-side rendering, and optimizing database queries.

Professional internship:

AKATA GOAVANA: Full-Stack Developer - 6 months - August 2020

- Design and development of a Sails.js and React.js app for a reporting site to replace Trello a third-party app they are using.
- Works according to agile methodologies for better organization and time management
- Maintenance of other existing React.js applications by performing refactoring, updates or adding new features.

Randev Team: Laravel /Javascript Developer - Sep. 2019 – 6 months

- Design and development of an E-learning application and a pointing application with Laravel
- Refactoring, and adding updates to an E-commerce site

Projects:

For more check [my git profile](#) or [my portfolio](#)!

Back-End: Product management API made with Express, Node.js and Typescript   [Code Git](#)

> Tech: Node.js; Express; typescript ; typeORM ; MySQL; cleanCode

Front-End: a product management application using React and Typescript   [Code Git](#)

> Tech: React.Js ; Custom Hook; Typescript ; Axios; yup ; Formik ; cleanCode

Full Stack: a Blogging application using Node.js, Express, Typescript , Ejs Templating

> Tech: Node.js; Express; Ejs Templating; typescript; typeORM; MySQL;   [Code Git](#)

Back-End: Crypto Currency management API made with Express, Node.js and MongoDB

> Tech: Node.js; Express; typescript ; Mongoose ; MongoDB;   [Code Git](#)

PROFESSIONAL QUALIFICATION

Frontend:

- Mastery of fundamental principles and concepts of Angular, React.js, Next.js and vue.js
- Excellent command of JavaScript and/or TypeScript
- Ability to create responsive, mobile-friendly user interfaces (UIs)
- Understanding of state management like Vue (VueX) and React (Redux)
- Experience in Angular, React and vue.js performance optimization techniques

Backend:

- Advanced Node.js Skills with Over 3 years of experience as a full stack developer, specializing in building microservices, RESTful services, and cloud-native applications.
- Experience with backend frameworks Node.js, PHP and Java.
- Experience with database systems such as MySQL, PostgreSQL, MongoDB and with ORM/ODM libraries (Sequelize, Mongoose)
- Mastery of Design Patterns such as SOLID, MVC, Singleton, etc.
- Proficiency in creating RESTful APIs and using HTTP protocols
- Mastery of authentication and authorization mechanisms (JWT, OAuth)
- Mastery of testing frameworks (Jest, Mocha, react-testing-library)

Others:

- Git: mastery of Git
- Agile: Experience working in agile development environments, using tools like Jira or Trello.
- Good mastery of analysis and design methods for UML and Merise systems.

EDUCATIONS, COURSES AND PROJECT

Diploma:

Master degree in Computer Science at ENI: 2020 – 2022

- Ecole National D'informatique. University, Madagascar.

certificates:

JavaScript Algorithms and Data Structure: [CERTIFICATE HERE.](#)

- In-depth knowledge of Algorithms and Data Structures

Front End Development Libraries: [CERTIFICATE HERE.](#)

- In-depth knowledge of the front-end frameworks React.js, Redux, jQuery; CSS; SCSS;

JavaScript Intermediate - SoloLearn: [CERTIFICATE HERE.](#)

- Advanced proficiency in JavaScript, focusing on asynchronous programming, closures, and sophisticated data manipulation techniques.

Back-End Development and APIs - freeCodeCamp: [CERTIFICATE HERE.](#)

- Demonstrated expertise in Node.js and Express for server-side development, including RESTful API creation, database management, and server logic implementation.

Node.js, Express Quiz - SkillValue: [CERTIFICATE HERE.](#)

- D Certified knowledge in utilizing Node.js and Express for web application development, highlighting understanding of middleware, routing, and deployment strategies.

JavaScript, ReactJS Quiz - SkillValue: [CERTIFICATE HERE.](#)

- Foundational skills in ReactJS demonstrated, covering component creation, state management, and understanding of props for developing simple React applications.

SKILLS

- **Programming Languages & Scripting:** JavaScript, TypeScript, PHP, Python, Java, C#
- **Frontend Technologies:** HTML, CSS, AngularJS, React.js, Bootstrap
- **Backend Technologies:** Node.js (Express, Nest.JS, Sails.js), Laravel
- **Database Management:** MySQL, MongoDB, SQL, SQLite
- **Development Practices**: Object-Oriented Programming (OOP), REST APIs, Microservices, Unit Testing, Test-Driven Development (TDD)
- **Design Principles & Practices:** SOLID, Clean Code, You Aren't Gona Need It (YAGNI)
- **Version Control:** Git
- **Mobile Development:** Experience with mobile application development using Flutter, Android studio, React native.

Languages

- **French:** Professional working proficiency
- **English:** Professional working proficiency