

SUMMARY

Dynamic and experienced developer with a solid 3-year background in crafting enterprise-grade solutions. Possesses a deep understanding of software architecture, design patterns, and principles of clean code, demonstrated across 20+ Git repositories. Proficient in both the design and development phases, with a proven track record of delivering sophisticated web and mobile applications. Committed to excellence, leveraging advanced coding practices to ensure scalable, maintainable, and high-quality software solutions.

PROFESSIONAL EXPERIENCES

NOMADE INGENIERIE: Full-Stack Web Developer (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.

PRINCEPT I-WEB: Full-Stack Web Developer (2021 – 2023)

- Led the design and development of various enterprise-grade solutions, utilizing a wide range of technologies including Angular and React.js for the frontend, and Node.js (with Express and Nest.js frameworks) and Laravel for the backend. Focused on creating robust, scalable application architectures that meet diverse client needs.
- Implemented advanced caching strategies, server-side rendering optimizations, and database query optimization across projects, significantly enhancing application performance, reducing load times, and improving user experience.
- Played a key role in the ongoing maintenance and enhancement of existing Java-based applications, as well as applications developed in other technologies, ensuring high reliability, optimal performance, and compliance with the latest industry standards and best practices.

AKATA GOAVANA: Full-Stack Web Developer (6 month – August 2020)

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

EDUCATIONS, COURSES AND PROJECTS

Diploma:

- Graduated – 2023 **Master Degree in Computer Sciences:**
 - Ecole National D'informatique. University, Madagascar.

- Graduated – 2020 **Bachelor's Degree in Computer Sciences:**
 - Ecole National D'informatique. University, Madagascar.

Certificate:

- **Back-End Development and APIs - freeCodeCamp:** Earned for demonstrating proficiency in server-side development with Node.js and Express, including the creation of RESTful APIs, managing databases, and implementing server-side logic. This certification showcases a solid foundation in back-end technologies and API interactions.
- **Front-End Development Libraries - freeCodeCamp:** Awarded upon mastering front-end libraries and frameworks such as React.js, jQuery, Bootstrap, and Sass. Highlights comprehensive skills in building dynamic, interactive web applications utilizing modern front-end ecosystems.
- **JavaScript Intermediate - SoloLearn:** Recognizes advanced understanding and application of JavaScript, focusing on intermediate concepts like asynchronous programming, closures, and advanced data manipulation. This certification emphasizes the ability to tackle complex problems using JavaScript.
- **JavaScript Algorithms and Data Structures - freeCodeCamp:** Validates the ability to solve algorithmic challenges and implement data structures in JavaScript. This certification demonstrates a strong grasp of coding principles, problem-solving strategies, and efficiency considerations.
- **Node.js, Express Quiz - SkillValue:** Certifies knowledge in using Express with Node.js for building web applications. This achievement indicates an understanding of Express framework fundamentals, middleware, routing, and application deployment strategies at an intermediate level.
- **JavaScript, ReactJS Quiz - SkillValue:** Acknowledges foundational skills in ReactJS, covering basics such as components, state management, and props. This certificate is a testament to the capability to develop simple React applications and an understanding of key React concepts.

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
- Understanding of Vue (VueX) and React (Redux) state management
- Ability to create responsive, mobile-friendly user interfaces (UIs)
- Experience with popular UI component libraries (Material-UI, Ant Design, Bootstrap)
- Knowledge of Angular, React and vue.js performance optimization techniques

Backend:

- Advanced Node.js Skills with Over 3 years of experience as a Node.js developer, specializing in building microservices, RESTful services, and cloud-native applications. Proficient in asynchronous programming and experienced in using Node.js frameworks such as Express.js, Nest.js, and others.
- Experience with popular backend frameworks Node.js (Express, Nest.JS, Sails.js), Laravel (PHP), Spring (Java).
- Experience with database systems such as MySQL, PostgreSQL, MongoDB
- Mastery of Design Patterns such as SOLID, MVC, Singleton, etc.
- Experience with Express.js and other Node.js frameworks such as Nest.Js, Sails.js, Next.js
- Proficiency in creating RESTful APIs and using HTTP protocols
- Mastery of authentication and authorization mechanisms (JWT, OAuth)
- Experience with ORM/ODM libraries (Sequelize, Mongoose)
- Mastery of JavaScript testing frameworks (Jest, Mocha, react-testing-library)
- Experience with unit testing and test-driven development (TDD)

Others:

- Git: mastery of Git
- Agile methodologies: Experience working in agile development environments, using tools like Jira or Trello.
- Talent for problem solving
- Communication skills, effective in collaborating with team members, stakeholders and customers.
- Good mastery of analysis and design methods for UML and Merise systems.

COMPETENCE

- **Programming Languages & Scripting:** JavaScript, TypeScript, PHP, Python, Java
- **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 Gonna Need It (YAGNI)
- **Version Control:** Git
- **Mobile Development:** Experience with mobile application development using Flutter (highlighting your versatility across platforms)

Language:

- French: Professional working proficiency
- English: Professional working proficiency
- Malagasy: Professional working proficiency