

Mihajasoa Alain

INGÉNIEUR LOGICIEL FULLSTACK | EXPERT BACKEND

+261 34 93 041 89 | mihajasoaalain85@gmail.com | portfolio.miih.me | github/MihajasoAlain

PROFILE

Backend-oriented Full Stack Developer with over 3 years of experience designing multi-tenant SaaS platforms, developing secure APIs, and building scalable, high-performance, and maintainable systems. Passionate about software architecture, performance optimization, and development best practices.

SKILLS

LANGUAGES : TypeScript, Javascript, Golang, Kotlin

FRAMEWORKS : NestJS, Express.js, Next.js, Gin

DATABASES : MongoDB, PostgreSQL, MySQL

INFRASTRUCTURE : Docker, Redis, CI/CD, Git, Linux

CONCEPTS : Hexagonal Architecture, APIs REST, Microservices, Security, Agile Scrum

EXPERIENCES

Backend Developer (NestJS)

Bifora Consulting (Remote) | July 2025 – Present

- Designed and developed backend services for a multi-tenant SaaS platform built with NestJS.
- Implemented an architecture ensuring data isolation, security, and confidentiality across tenants.
- Modeled, optimized, and maintained MongoDB databases to improve platform performance and scalability.
- Developed robust and maintainable APIs meeting business and technical requirements.
- Contributed to architectural decisions and to the continuous improvement of code quality and application performance.

Backend & Mobile Developer (NestJS, Kotlin)

FiharySoft | March 2025 – July 2025

- Developed and maintained secure REST APIs with NestJS to support mobile application needs.
- Designed and developed native Android applications in Kotlin.
- Integrated and synchronized data flows between backend services and mobile applications.
- Optimized application performance and improved user experience.
- Collaborated with product and technical teams on the design and delivery of new features..

Fullstack Developer (Kotlin, NestJS)

In_IT | February 2023 – March 2025

- Contributed to the development of a secure payment platform for managing digital transactions.
- Designed and implemented high-performance backend APIs with NestJS.
- Set up authentication, authorization, and data exchange security mechanisms.
- Developed the Android client application in Kotlin with a focus on performance, stability, and user experience.
- Contributed to architectural decisions, code reviews, and the continuous improvement of development standards.

PROJECTS

UltimatePay (Nestjs, Typescript, MongoDB, JWT, Docker)

<https://www.ultimatepay.app/>

- Designed and developed a payment platform integrating secure APIs for managing financial transactions.
- Implemented authentication, authorization, and sensitive data protection mechanisms.

PrivateChat (Next.js, ElysiaJS, TypeScript,, Redis)

<https://www.private-chat.miih.me/>

- Developed a messaging application enabling the exchange of temporary messages with a focus on user privacy.
- Implemented communication encryption and automatic message deletion mechanisms.

Arion (Gin, Nextjs, Golang, Typescript, MongoDB)

- Designed a monitoring solution enabling the centralized collection, analysis, and visualization of application metrics.
- Developed a real-time alerting and tracking system to improve incident detection.

EDUCATION

Master's Degree (M2) in Software Engineering & Databases (2026) — École Nationale d'Informatique (ENI), Fianarantsoa

Bachelor's Degree in Software Engineering & Databases (2023) — École Nationale d'Informatique (ENI), Fianarantsoa

LANGUAGES

English (Professional) / French / Malagasy