

Ramsés Solano Arias

Alajuela, Costa Rica • ramses-solano.vercel.app • +506 8941-4905 • ramses.solano.arias@gmail.com

Information Systems professional with experience in backend and full-stack development. I have optimized architectures, implemented advanced security, and led a team on a project lasting over a year. Committed to quality, innovation, and continuous improvement in software development.

PROFESSIONAL EXPERIENCE

Business Tech Integrated Services (BTIS)
Back-End Developer (Professional Practice)

Alajuela, Costa Rica
July 2025 – November 2025

- I restructured from scratch using Layered Architecture and implemented best practices in the “Portal de APIs” system’s RESTful API using .NET 8, Postman, and Visual Studio 2022.
- I implemented Microsoft’s Multi-Factor Authentication (MFA) validation for the back-end in the Company User Login Service.
- I optimized real-time communication with WebSockets to allow the front-end to detect back-end updates and refresh data accordingly.
- I developed a Windows Service related to the system to verify and update information daily regarding the program’s managed documentation.

Universidad de Costa Rica
Scrum Master y Full-Stack Developer

Alajuela, Costa Rica
March 2023 – July 2024

- I led a team of 5 developers as a Scrum Master, successfully creating a professional web system recognized as the best Systems Engineering project of the 2023-2024 generation.
- I designed the front-end using Next.js, TypeScript, and PicoCSS, and implemented a back-end with Spring Boot, Spring Security, and Kotlin Multiplatform, integrating PostgreSQL.
- I deployed cloud environments for testing using Render, Cloudflare R2, Vercel, and an on-premises server with Ubuntu for production.

PROJECT EXPERIENCE

Own Project
Mateory

Alajuela, Costa Rica
September 2024 – Present

- I developed Mateory, a web app for Inventory and Queue calculations using Next.js, TypeScript, and TailwindCSS, with SSR, Storybook for documentation, and Vitest for testing.
- I deployed the project on Vercel, integrating Nodemailer and React Email for email delivery.

EDUCATION

UNIVERSIDAD NACIONAL (UNA)
Bachelor's Degree in Information Systems Engineering

Alajuela, Costa Rica
November 2025

ADDITIONAL SKILLS

- Native Spanish and English level: B1
- Project management with Scrum using Azure DevOps and Jira to create and manage backlogs
- Implementation of authentication and authorization using Spring Security with JWT Tokens, as well as BCrypt for password handling
- Experience conducting usability, functionality, and heuristic testing with end users