

# Ramsés Solano Arias

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*Professional in Computer Application Programming and final year student in Information Systems Engineering. I led the development of a web system for the Chemical Engineering Laboratory of the UCR. Passionate about solving problems and improving skills, I provide leadership, innovation and commitment to each project.*

## PROFESSIONAL EXPERIENCE

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**Universidad de Costa Rica**  
Scrum Master

**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 fully documented the system, combining existing formats and developing new ones.
- I deployed cloud environments for testing using Render, Cloudflare R2, Vercel, and an on-premises server with Ubuntu for production.

## PROJECT EXPERIENCE

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**Own Project**  
Mateory

**Alajuela, Costa Rica**  
September 2024 – Present

- I developed Mateory, a web system that automates complex calculations for simple mathematical theories of Inventory and Queues, accessible from any device thanks to its responsive design in Next.js with TypeScript and TailwindCSS, optimized with Server-Side Rendering.
- I deployed the project in the cloud using Vercel, ensuring global accessibility.

**Own Project**  
Nirit

**Alajuela, Costa Rica**  
July 2024 – Present

- I developed Nirit, a desktop environment for GNU/Linux focused on Tiling Window Management, package optimization, and maximum customization.
- I created and implemented a Bash script for installing programs and automating the configuration of each component of the environment, allowing the desktop environment to be installed in minutes instead of several hours of installation and customization.

## EDUCATION

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**UNIVERSIDAD NACIONAL**  
Diploma in Computer Application Programming

**Alajuela Costa Rica**  
November 2023

## ADDITIONAL SKILLS

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- Native Spanish and English level: B1
- Project management with Scrum using Azure DevOps 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