

# Oscar Zuñiga Sanchez

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Costa Rica

[Github](#)

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Native Spanish

## Fullstack Developer

UNA (Universida Nacional of Costa Rica)systems-engineering student skilled in React, .NET, and TailwindCSS. Couples deep technical know-how with critical thinking and a growth mindset. Uses systematic, adaptable methods to resolve complex issues quickly. Committed to delivering practical, high-quality solutions while constantly sharpening both tech skills and team performance.

## PROFESSIONAL EXPERIENCE

### Student Contributor - Universidad Nacional Distributed Systems Course

Jul 2024 - Nov 2024

I engineered authentication-and-authorization microservices using IdentityServer, implementing OAuth 2.0 and OpenID Connect flows to issue and validate JWTs, built comprehensive login, refresh-token, and role-/policy-based access controls, and automated the entire identity to ensure secure, consistent, and scalable integration across services and external clients.

### Independent Developer - Nuestra Señora del Rosario System

Jan 2024 - Present

Designed and built a full-featured management platform for the Nuestra Señora del Rosario elder-care home, delivering an intuitive, high-performance interface with React 18 and Tailwind CSS, while both creating and consuming secure RESTful APIs to manage resident records, inventory and staff operations with robust authentication and data-validation workflows, and steering the project through Scrum sprints that refined the backlog, tracked progress and ensured timely, high-quality delivery informed by continuous stakeholder feedback.

## PROYECTS EXPERIENCE

### Nuestra Señora del Rosario

A comprehensive platform for informative and administrative management of the Nuestra Señora del Rosario elder-care home, featuring public information management, administrative modules for resident admissions, medication and appointment scheduling, donation and inventory control, as well as data-visualization dashboards, all delivered through a React 18 interface with Tailwind CSS 3.4.17 and supported by a robust C# API backend in .NET 8.0 packaged in Docker containers for streamlined, scalable deployment.

### Appointment Management System

Team based project enabling users to schedule, reschedule and cancel appointments while granting an admin role authority to override and cancel any booking. I engineered the core Appointment service in .NET 8, implementing CRUD endpoints with ASP.NET Core Applied Clean Architecture principles and dependency injection to ensure a modular, testable codebase that supported seamless integration with the rest of the platform.

## EDUCATION & CERTIFICATIONS

### Bachelor of Systems Engineer

Universidad Nacional de Costa Rica  
2022 - 2025

### Diplomat Computers Applications Programming

Universidad Nacional de Costa Rica  
2022- 2024

## PROFESSIONAL SKILLS

### .Net

Rest API's, Repository Pattern, CQRS, JWT, EntityFramework

### React

Hooks and custom hooks, react-query, services, JWT, functional components, routing

### CSS

Tailwind CSS

### HTML

### Git and GitHub

### MySql - SqlServer