

Professional Summary

Final-year student in Business Informatics (UCR) with full-stack development experience. Proficient in technologies such as JavaScript, Vue.js, Node.js, PHP, Laravel, C#, ASP.NET, and Razor. Focused on building scalable solutions by applying Clean Code, Clean Architecture, design patterns, and SOLID principles. Familiar with RESTful APIs, Git, relational databases, and agile methodologies like Scrum.

Experience

Academic Projects at University of Costa Rica

Development of Web & Mobile Commercial Application (C# – ASP.NET MVC – Razor – EF Core).

- Built a full-stack solution in Visual Studio using a layered architecture (Model, DA, BL, SI, UI). On the backend, with ASP.NET MVC and Razor Pages, I implemented authentication (registration/login with lockout, social login, approval), inventory management (listing, adjustments with history), and sales (opening/closing cash register, discounts, stock updates) using Entity Framework Core and NuGet for dependency injection. Exposed the logic as a REST API and deployed it on Azure. For mobile, I created a .NET MAUI app (Android/iOS) offering login, inventory lookup, and daily sales report.

Development of a Multivendor E-Commerce Platform like Amazon/Etsy (Vue.js frontend, Laravel backend, MySQL database).

- Worked on the Vendor Registration and Management module. In Vue.js, I implemented the registration/login views with dynamic role assignment ("Vendor"/"Client") and redirection after authentication. In Laravel, I designed the Vendor model, controllers, and RESTful endpoints secured with middleware for vendor CRUD operations (using factories, seeders, and migrations). Also, in the Store module, I linked each store to its vendor, allowed editing descriptions, deleting stores, and adding products, ensuring their display on the client dashboard.

Full-stack development of a hybrid mobile/web Job-Board application (Vue 3 + Ionic Vue + Capacitor, TypeScript, Vite; Backend in Laravel with Sanctum and MySQL).

- Built a hybrid app connecting recruiters and candidates. On the frontend with Vue 3, Ionic Vue, and Capacitor, I developed responsive dashboards: for recruiters (offer CRUD) and for candidates (browse offers, apply with duplicate prevention, delete applications, history, and profile editing), using Bearer Token authentication. On the backend with Laravel and Sanctum, I implemented the REST API with "Recruiter"/"Candidate" roles, Eloquent models (User, JobOffer, JobApplication), and access logic to MySQL.

Applied Scrum methodology in all projects, organizing user stories (tasks) into 2-week sprints and participating in all Scrum ceremonies.

Technical Skills

Technologies:

- **Frontend:** JavaScript, Vue.js, HTML, CSS, Tailwind, Razor, Ionic, TypeScript, Sass
- **Backend:** PHP, Laravel, Node.js, C#, ASP.NET
- **Version Control:** Git, GitHub, GitLab
- **Containers:** Docker
- **CMS:** JOOMLA, WordPress

Databases: PostgreSQL, MySQL, MS SQL Server

Agile Methodologies: Scrum

Other Tools:

APIs RESTful, GraphQL, Jira, Figma, Python, React, Java

Education

Business Informatics

2021 - Present | University of Costa Rica

Languages

Spanish
English

Soft Skills

- Analytical mindset for problem-solving
- Teamwork
- Fast and continuous learning
- Adaptability to dynamic environments
- Proactivity
- Empathy

Technical in Business Informatics

2015 - 2020 | Upala Technical Professional School

Certifications

Scrum Fundamentals Certified (SFC)

jul. 2025

System and IT Infrastructure Services

nov. 2020

Technical Support Fundamentals

oct. 2020

Learning How to Learn

oct. 2020

Introduction to Web Development I y II

Jun. 2020