

# Alvaro Novoa

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## Professional Profile

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Software Engineering student with Full Stack training and a focus on building scalable web applications. I have solid knowledge in backend development with Java (Spring Boot), JavaScript, TypeScript, and SQL/NoSQL databases, integrated with modern React interfaces. Proficient in version control with Git and passionate about clean code practices and collaborative teamwork.

## Education

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**Universidad de Cartagena**, Bachelor's Degree en Software Engineering – Bolívar, 2021 – Ago 2026  
Colombia

- Software development life cycle, algorithms and data structures.
- Software architecture and Agile methodologies.

**Talento Tech - Cymetria**, Bootcamp en [Fullstack Web Development](#) Jul 2024 – Dic 2024

- Intensive training in the modern JavaScript ecosystem.

**Amazon Web Services (AWS)**, Course [Badge](#) en Cloud Architecture Jul 2024 – Dic 2024

- Training in cloud infrastructure, EC2/S3 service management, and AWS architecture foundations.

**Oracle Next Education**, Bootcamp en [Front-end Development](#) Abr 2023 – Sep 2023

- Specialized training in Front-end development (React).

## Projects

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**[Baloto Analysis](#)** Oct 2025 – presente

Statistical analysis application for lottery results in Colombia.

- Developed a website for result queries and data analysis. (Upcoming -> number generation feature).
- Built a Python web scraper to automate data collection, reducing manual update time by 100%.

**[Kanban Task Manager](#)** Jun 2025 – presente

Task manager based on Kanban methodology with a focus on distributed systems.

- Implemented a microservices architecture on the backend to ensure system modularity and scalability as a learning challenge.

### Online Store App

E-commerce application featuring complex state management.

- Integrated a shopping cart and product catalog using React and RESTful services.

## Technical Skills

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**Programming:** HTML, CSS, React, TypeScript, Java, Spring Boot, Node.js (Express), SQL (PostgreSQL/MySQL), Git

**Cloud & Tools:** AWS Cloud Foundations, Microservices, Web Scraping (Python), REST APIs

**Languages:** Spanish (Native), English (A2)

## Soft Skills

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**Communication:** Ability to explain technical concepts clearly and work effectively in collaborative environments

**Self-management:** Strong initiative for self-taught learning and researching new technologies

**Teamwork:** Active cooperation to achieve team goals and milestones

**Adaptability:** Ready to integrate into new workflows and committed to continuous learning