

Juan Diego Apuy Villalobos

Web Developer

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[LinkedIn](#) - [Github](#) - [Portfolio](#)

TECHNOLOGIES

Frontend: JavaScript, React, Next.js, Redux, HTML, CSS, Tailwind CSS

Backend: Node.js, TypeScript, Express.js, Sequelize, MongoDB, Mongoose, Redis, PostgreSQL, Strapi, Postman, Microservices

DevOps & Cloud: Git, AWS (EC2, S3), Jenkins, Docker, Kubernetes

Methodologies: Agile, Scrum, Jira

PROJECTS

Online Casino XYES Web Development, MoonHi – San José

Worked on the development of a **sportsbook and betting platform**, contributing to the **client-side, backoffice, and backend**.

- Implemented a **microservices architecture** with gateways and API endpoints for the frontend.
- Developed and maintained the **client-side** to ensure a seamless user experience.
- Built and optimized the **backoffice** for administrative and operational management.
- Designed and managed **user roles and permissions** for secure access control.
- Developed **Work Order Collisions** handling to prevent task assignment conflicts.
- Integrated **WebSockets** for real-time communication.
- Used **Strapi** for content management, including banners, promotions, and cards, and developed custom plugins and providers to extend platform functionality.
- Worked on **VIP assignments** and referral management.
- Developed and optimized **deposit and withdrawal** transaction flows.
- Implemented **commission claim** processes.
- Managed **action logs** to track system and user activities.
- Built and optimized the **backend and APIs** using **Express.js**.
- Worked with **Node.js, TypeScript, MongoDB, Mongoose, and Redis**.
- Managed **log storage** for efficient monitoring and debugging.
- WebPage: <https://xyes.com/>

E-commerce Detinmarin Web Development, Centauro Solutions – Alajuela

- Developed and launched a client-specific e-commerce website using JavaScript, Node.js, Next.js, Tailwind, and Strapi, significantly improving the user shopping and payment experience.

- Integrated various payment and delivery APIs, enhancing transaction flow and customer satisfaction.

Educational Platform Mentas Brillantes, Centauro Solutions – Alajuela

- Developed an interactive web platform for student tournaments, boosting engagement through mental games and quizzes.
- Utilized JavaScript, Node.js, Next.js, Tailwind, and Strapi
- WebPage: <https://www.marathonbrightminds.com/>

Other Projects:

Repuestos Herrera – Freelance Web Development | Heredia, Costa Rica

- Designed and developed a spare parts online store using React, Next.js, Node.js, Tailwind CSS, and Strapi.
- Implemented warranty ticket management to streamline product claims and improve customer support.
- Built a direct contact feature allowing customers to reach the store owner for inquiries about specific products.
- Optimized product catalog browsing and search, improving user experience and accessibility.
- WebPage: <https://repuestosherrera.com/>

EMPLOYMENT HISTORY

Web Developer, June 2024 - at present

MoonHi Web Developer Full Stack, San Jose, Costa Rica

Web Developer, November 2022 - at June. 2024

Centauro Solutions Web Developer Full Stack, Alajuela, Costa Rica

CAD Designer, October. 2016 - January. 2022.

Smile Direct Club, San Rafael Alajuela

EDUCATION

- B.Sc. in Systems Engineering, Universidad Nacional, Heredia. Expected 2025
- Full Stack Web Developer. Henry Bootcamp. 2022
- Diploma System Engineering, Universidad Nacional, Heredia. 2021.
- Technical Software development, C.T.P. San Pedro, Barva. 2013.

CERTIFICATES

- Certified Pega System Architect (CPSA)
- Postman API Fundamentals Student Expert

LANGUAGES

- English: B2 - Upper intermediate.

SKILLS

- Full Stack Development
- Microservices Architecture
- REST APIs & WebSockets

- Database Management (SQL & NoSQL)
- Problem-Solving
- Teamwork & Collaboration
- Adaptability
- Process optimization