



# John Carlo Alcantara

FULL-STACK WEB DEVELOPER

[Website](#)

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Santa Rosa City, Laguna, PH

## ABOUT ME

Co-founder of Red Arch Digital, a specialized web development firm. I oversee the technical implementation of high-performance digital solutions, with an emphasis on scalable architecture and conversion-oriented user experiences. Combining academic rigor in computer engineering with practical agency leadership.

## EDUCATION

### 2023 – Present DE LA SALLE UNIVERSITY | BS IN COMPUTER ENGINEERING

- "Focusing on hardware-software integration, data structures, and advanced algorithmic problem-solving."
- "Relevant Coursework: Object-Oriented Programming, Logic Circuits, and Discrete Mathematics."

## WORK EXPERIENCE

### 2024 – Present RED ARCH DIGITAL | CO-FOUNDER & LEAD DEVELOPER

- "Lead the technical development of custom web solutions, achieving 99+ Lighthouse performance scores for client projects."
- "Architected the La Joya HOA Portal, digitizing community management and improving administrative efficiency for residents."
- "Consult with clients to translate business goals into functional technical roadmaps using Next.js and Tailwind CSS."

## AGENCY CASE STUDIES

### LA JOYA HOA PORTAL | LEAD DEVELOPER

- Developed a community-scale management system for the La Joya Homeowners Association, digitizing administrative workflows and resident communication.
- Architected the frontend using Astro and Tailwind CSS, achieving high-performance scores and ensuring a 100% mobile-responsive experience for a diverse user base.
- Streamlined the distribution of community announcements and document access, reducing information fragmentation for over 200+ residents.

## SKILLS

- **Technical:** Next.js, React, Astro, Tailwind CSS, Node.js, Python.
- **Agency/Leadership:** Project Management, Client Consultation, Technical Architecture.
- **Tools:** Git, Vercel, Supabase, VS Code, Figma.