

Julio César Castaño Almánzar

Santo Domingo, Dominican Republic

Email: jcastano@jcodea.com · **Tel:** +1 (809) 847-6177

Web: jcodea.com · **LinkedIn:** linkedin.com/in/julio-cca

PROFESSIONAL SUMMARY

Systems Engineer with 5+ years of experience delivering web and mobile solutions that streamline business processes and elevate digital presence. Expert in **TypeScript, React / Next.js, and Prisma**, with hands-on payment-gateway integrations (Stripe, Azul, PayPal) and e-commerce platforms (Shopify, WooCommerce). Blend development, network administration, and DevOps to ship reliable, scalable products.

CORE SKILLS

- **Frontend:** React, Next.js, Tailwind CSS, ShadCN UI, Framer Motion
- **Backend / API:** Node.js, Express, tRPC, Prisma ORM, REST
- **Databases:** PostgreSQL, MySQL, SQL Server, MongoDB
- **DevOps & Infra:** Docker, Proxmox, Vercel, Windows Server, Git / CI CD
- **E-commerce & Payments:** Stripe, Azul, Shopify, WooCommerce
- **Other:** WordPress, Moodle · Agile methodologies (Scrum, Kanban)

PROFESSIONAL EXPERIENCE

Dvine Studios · Independent Consultant

Nov 2022 – Present · Santo Domingo, DR

- **Designed** a Proxmox + Docker hosting stack, cutting infrastructure costs.
- **Led** the build of **Dvine Productora** and **Dvine Studios** (Next.js + Tailwind), adding Framer Motion animations that boosted client conversions.
- **Implemented** backup and archival workflows safeguarding 2 TB of audiovisual content.

Ozono Químicos · Software Developer

Oct 2019 – Present · Santo Domingo, DR

- **Built** full-stack apps (Next.js, Prisma, tRPC) managing inventory and production for more than 1,500 paint formulas.
- **Migrated** the **Color Unit** desktop platform to web with Stripe, significantly reducing production errors.
- **Automated** quality reports via Node cron + ExcelJS, saving six hours of manual work weekly.

Colegio Loyola Santo Domingo · Network Administrator

Aug 2021 – Jun 2025 · Santo Domingo, DR

- **Optimized** Cisco + Proxmox infrastructure for over 1,000 users, maintaining high network uptime.
- **Developed** internal Next.js dashboards that reduced academic-record processing time from 15 min to 3 min.
- **Automated** monitoring with PowerShell and Python, detecting critical faults in under five minutes.

Fundación Atabey · Development Intern

Jul 2021 – Dec 2021 · Santo Domingo, DR

- **Deployed** Moodle for 300 learners, integrating assessment plugins and PayPal payments.
- **Launched** the **Inateso Institute** WordPress site, increasing online donations.

Soluflex · Senior Database Administrator

Oct 2019 – Apr 2020 · Santo Domingo, DR

- **Restructured** SQL Server and MongoDB indexes / queries, shrinking key response times from 4 s to 500 ms.
- **Set up** fully automated backup / recovery policies using SQL Agent and Bash scripts.
- **Trained** 15 power users on secure data handling and report generation.

FEATURED PROJECTS

Project	Description	Tech Stack
Personal Portfolio	Interactive site with a 3-D section and dark / light theme.	Next.js, Three.js, Tailwind
Color Unit	Manufacturing and dispatch system for paint production.	Next.js, Prisma, tRPC
Pinturas Reds	E-commerce with dynamic catalog and Azul gateway.	Next.js, Shopify
Dvine Productora / Dvine Studios	Corporate sites with smooth animations.	Next.js, Tailwind
Dr. Ofara Pacheco Clinic	Institutional site with online booking.	Next.js
Inateso Institute	Educational platform with donation flow.	WordPress, WooCommerce

EDUCATION

- **Universidad APEC** — B.S. in Computer Engineering (*in progress*)
- **Colegio Dominicano de La Salle** — High School Diploma (*2016*)

Last updated: June 6, 2025