Cristhian Agamez

Software architect and founder of UnderCodes

`Barranquilla, Colombia`

Experience

CTO & co-founder · My Little Venture

`2025-12 – present`

Financial education for kids in the US (Next.js, Strapi, AWS Lambda, DynamoDB), COPPA-compliant.

Full Stack developer for Banco Santander · hiberus

`2026-02 – 2026-08`

Java, Angular and React.

CEO & founder · UnderCodes S.A.S.

`2024-02 – present`

Incorporated on 18/02/2024 and registered at the Barranquilla Chamber of Commerce on 26/02/2024. Official Odoo Partner, expanded to Spain.

CTO & co-founder · Olympus Analytics

`2024-01 – present`

Artemisa: biodiversity and species control.

Creative director, then president · InNova, Universidad del Norte

`2022 – 2024`

Creative director 2022–23 and president 2023–24 of the student group.

Senior Graphic Designer · DIGIPRICE

`2021-01 – 2021-04`

Graphic design.

Founder · Marat Studio

–

Founded at 16: design and PHP/WordPress websites.

Projects

Procto (CheatingAI)

Thesis: online exam proctoring with computer vision (MediaPipe, DeepFace/Facenet), timestamped evidence and a 0–100 risk score, plus code-plagiarism detection (Winnowing, Redis/Celery). With Mateo Guerrero Escobar; tutor Daniel José Romero Martínez.

`FastAPI · SvelteKit 5 · Docker Compose · Supabase · MediaPipe · Redis · Celery`

Code: https://github.com/CristhianAC/CheatingAI

ngx-gaia-gis

Angular 20 library for OpenLayers maps (GeoTIFF rasters, points, polygon drawing), published on npm.

`Angular 20 · OpenLayers · GeoTIFF`

Code: https://github.com/Olympus-Analytics/ngx-gaia-gis

UnderCodes

UnderCodes website (private repository).

Open: https://undercodes.net

My Little Venture

My Little Venture website, financial education for kids in the US.

`Next.js · Strapi · AWS Lambda · DynamoDB`

Open: https://mylittleventure.com/

Artemisa

Olympus Analytics service for biodiversity and species control.

Open: https://artemisa.olympus-analytics.dev/

GitHub

Selected repos: NeoReg (microservices + RAG), KmpMovies (Kotlin Multiplatform), shadow-protocol (UE5 team game) and nvim-cristhianac.

`Kotlin Multiplatform · Unreal Engine 5 · Neovim`

Open: https://github.com/CristhianAC

Education

Systems Engineering · Universidad del Norte

`2021 – 2026`

Includes an exchange at Universidad de Cantabria (Spain).

Design technologist · Codetec

`2019 – 2020`

Design technologist degree.

Teaching

Peer tutor · Universidad del Norte

`2023`

Peer tutoring.

Diploma in Pedagogy · Universidad del Norte

`2023 – 2024`

Diploma in Pedagogy.

Technical consultant for the "Digital Business" curriculum · Universidad Sergio Arboleda

`2025`

Technical consulting for the "Digital Business" curriculum.

Certificates

- Python & Django REST API
- Flutter UI
- Logo design (Domestika)
- Xamarin
- Angular
- Blender
- Premiere

Skills

Java · Angular · React · TypeScript · Svelte / SvelteKit · Next.js · Strapi · AWS Lambda · DynamoDB · FastAPI · Python · Django · C# · Unity · Kotlin Multiplatform · Odoo · Docker · PostgreSQL · Figma

Awards

- Winner of Universidad del Norte's first debate tournament (2025)

Contact

- LinkedIn
- GitHub
- UnderCodes