ADRIANA MARCELA GIRALDO IDROGO

Systems Engineer · Full-Stack & Frontend Developer · Founder of Iyerly

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Full-Stack Development · Angular · Django · Python · AWS · UX/UI · Agile/Scrum

PROFESSIONAL SUMMARY

Software developer with three years of professional experience **building full-stack web applications and leading development teams** in public and private organizations. Skilled in **HTML, CSS, JavaScript, Angular, Python, Django, AWS, SQL Server, and Oracle**, with hands-on experience applying Agile methodologies (Scrum) to optimize processes and deliver measurable results. Currently the founder of Iyerly, a digital presence agency serving small and medium-sized businesses, where I adapt quickly to each client's needs and combine a strategic product vision with solid technical expertise.

WORK EXPERIENCE

Founder & CEO — Iyerly iyerly.com *Sep 2025 – Present*

- Founded and lead a digital presence agency for SMBs, defining its value proposition, service tiers, pricing, and brand positioning.
- Lead client communication and run projects end to end, from requirements gathering and proposal through development, deployment, and delivery, **coordinating a project-based engineering team** in Colombia.
- Designed and built the agency's bilingual (EN/ES) website and client sites such as seguridadvigia.com, managing domains, hosting, and contact-form integrations.

Frontend Developer & Project Lead — Ok Web *Aug 2024 – Aug 2025*

- **Led development of a full-stack CRM** (Angular, Django, AWS), coordinating the team and fostering collaboration between design and development from planning through implementation.
- Directed the product's UI/UX design, ensuring visual and functional consistency across the platform.
- Managed scope, priorities, and deliverables across Scrum sprints.

Implementation Specialist — Jw Project House *May 2024 – Jul 2024*

- Administered SQL Server databases, ensuring data integrity and availability, and performed data analysis to support operational decisions.

IT & Systems Division (Professional Internship) — Risaralda Governor's Office *Feb 2023 – Jun 2023*

- Collaborated with department stakeholders to gather functional requirements and **led the digitization of institutional forms** in the GLPI ticketing system, documenting the process for standardization and traceability (report).

Sales Advisor — Homecenter Sodimac; Black + Decker *Oct 2017 – 2022*

- Worked throughout my technology degree; supervised staff and coordinated commercial activities, building leadership and customer-facing skills.

SELECTED PROJECTS

OrbitCRM — Full-stack CRM platform **FEATURED** github.com/adriana-marcela/OrbitCRM

- Customer and sales platform with **role-based authentication, REST API, reporting dashboards, and payment integration**. *Angular 18*, *Angular Material*, *Django REST Framework*, *Python*, *AWS*.

VIGIA — Client website, electronic security company seguridadvigia.com

- Responsive multi-page site with a custom design system and an EmailJS lead-capture form, versioned with Git/GitHub. *HTML5*, *CSS3*, *JavaScript*.

To Business — Functional & technical specification tobusiness.one

- Turned a business idea into specifications for the development team: user flows, B2B networking, and event and business-matching management.

Coffee Productivity Analysis — Data analysis github.com/adriana-marcela/Analisis_productividad

- Processed and visualized 2019–2023 coffee production data across municipalities of Colombia's Coffee Region to identify productivity trends. *Python*, *Pandas*, *Matplotlib*, *Jupyter*.

TECHNICAL SKILLS & LANGUAGES

Languages: Python, JavaScript, SQL, HTML5, CSS3

Frameworks & Libraries: Angular, Angular Material, Vue.js, Django, Django REST Framework, Pandas, Matplotlib

Databases & Cloud: SQL Server, Oracle, AWS, Git/GitHub, WordPress, web hosting and domains

Practices: Full-stack web development, REST APIs, responsive design, UX/UI, data analysis and visualization, requirements engineering, technical documentation, Agile/Scrum

Certifications: Scrum Foundation Professional Certification (SFPC) · Google Cloud Skills Boost profile

Spoken languages: Spanish (native) · English (intermediate)

EDUCATION

B.Eng. in Systems and Telecommunications Engineering — Universidad Católica de Pereira *Feb 2022 – Dec 2023*
*Degree conferred April 2024 · **Full scholarship** · Graduate representative and graduation speaker. Coursework: software engineering, data networks, telecommunications, digital signal processing.*

Technologist Degree in Software Development — Universidad Católica de Pereira *Jan 2018 – Jun 2021*
*Degree conferred September 2022 · **Full scholarship**. Coursework: software development, databases, requirements engineering.*

Junior Full Stack Diploma — Universidad Tecnológica de Pereira (2024): JavaScript, Vue.js, Scrum, UX/UI; **honorable mention** and graduation speaker.
Additional: Development Projects Diploma, ESAP (2023); Technical Degree in International Trade, Comfamiliar/SENA (2017–2018); Technical Degree in Software Development, SENA (2015–2016, completed during high school).

RESEARCH & PUBLICATIONS

Scientific & Technological Research — Universidad Nacional José María Arguedas, Peru *Jun 2023 – Aug 2023*

- Built the website for the UNAJMA Research Laboratories (WordPress) and supported the academic team's thesis research.

Pacific Scientific & Technological Research Program — Universidad de Guadalajara, Mexico *Jun 2022 – Aug 2022*

- Contributed to an **Internet of Things (IoT) environmental monitoring** project and built the website used to visualize and track its sensor data.

Publications & technical reports — adrianagi.com/publications

- **Territorial analysis and coffee productivity in Caldas, Quindío, and Risaralda (2019–2023).** Data analysis with Python, Pandas, and Matplotlib. PDF · code
- **Web system for supplier master data and correspondence in the Ituango Hydroelectric Project's Integrated Information System.** PDF
- **Digital forms in the GLPI ticketing system for the Risaralda Governor's Office.** PDF

HONORS & LEADERSHIP

- **Two highly competitive full scholarships** for my undergraduate and technologist degrees.
- Graduation speaker for the B.Eng. (as graduate representative) and for the Junior Full Stack Diploma, chosen by teachers and classmates.
- Leader of the university's scholarship recipients' group and internationalization ambassador; first engineer in my family.