Camilo Estrada Botero

Automation & Integration Engineer

Envigado (Medellín), Colombia · camilo@autosapience.com · +57 312 727 0035 · linkedin.com/in/camiloestradadeveloper · github.com/cestrad5 · portfolio.autosapience.com

SUMMARY

Production engineer turned software developer. I replace manual spreadsheets, copy-paste and WhatsApp workflows with APIs, Apps Script and low-code tools for manufacturing and distribution SMEs. I start from the process, not the tool. 15+ years across operations, logistics and procurement, plus 3+ years shipping production software. Open to remote roles worldwide, contract work, and hybrid roles in the Medellín area.

SKILLS

Automation & data: Google Apps Script, AppSheet, n8n, REST APIs, relational data modeling, RBAC, row-level security
Languages & frameworks: JavaScript, TypeScript, Node.js, Express, React, Next.js, Python
Data & cloud: MySQL, MongoDB, Firebase, Google Workspace, Linux (Bash), Git/GitHub
Domain: Manufacturing, logistics, inventory, procurement, KPIs, Lean, ISO 9001 internal audit

EXPERIENCE

B2B Software Engineer & Integrator (Independent), Self-employed — Jun 2025 – Present
Medellín, Colombia

- Built a multi-user livestock management app on AppSheet with a relational data model, row-level security (USEREMAIL()) and role-based access control, giving 100% data segregation between users.
- Wrote Google Apps Script automations that reduced manual data entry by 70%.
- Built a freight, shipping and routing quoting tool in TypeScript/React that cut quote time for sales reps from several minutes to under 5 seconds.
- Built an interactive digital-maturity assessment dashboard in JavaScript that generates automated diagnostic reports.
- Built a Next.js (App Router) API that compiles LaTeX to ATS-friendly PDF with injected metadata and streamed download.

Technical Founder, Web & Product Engineer, Bonetto Con Amor (wholesale) — Nov 2023 – Present
Envigado, Colombia

- Led and built an internal MERN-stack system: real-time inventory control, mobile sales tool, admin dashboard and a production endpoint showing pending orders.
- Built a private B2B wholesale portal (WordPress/WooCommerce) with user-approval workflow, role-based wholesale pricing and a 24/7 catalog and checkout.
- Wrote a custom SEO metadata manager in TypeScript to automate search optimization.

CEO & Founder, Bonetto Con Amor (wholesale) — Mar 2018 – Present
Envigado, Colombia

- Led the company digital transformation; revenue grew 35% over the period through new technology adoption and operational standards.

Innovation Projects Director / PMO Lead, Línea Adhesiva S.A. — Nov 2013 – Jan 2017
Sabaneta, Colombia

- Formulated and evaluated 65+ projects for internal and external clients; supported the commercial team in planning and executing them.
- Led new product and process development and introduced new technologies to improve efficiency and competitiveness.

Engineering & Development Coordinator, TIG S.A.S. — Oct 2008 – Dec 2013
Medellín, Colombia

- Designed new products and processes to raise productivity; supervised manufacturing and assembly with quality standards, plus logistics and inventory management.

Earlier roles: COINSI S.A., Production Director (Aug 2017 – Jan 2018); CIDET, Strategy & Innovation Coordinator (Feb – Mar 2018); SOLLA S.A., Production Coordinator (Nov 2007 – Oct 2008).

EDUCATION

Software Development, Holberton School, Medellín	2022 – 2023
International MSc in Innovation Management, Universidad Isabel I / Structuralia, Spain	2018 – 2020
Strategic Management and Innovation, Copenhagen Business School, Denmark	2016
Introduction to Project Management, University of California, USA	2015
BSc Production Engineering (Advanced Manufacturing), Universidad EAFIT, Medellín	2000 – 2007

CERTIFICATIONS

- Scrum Foundation Professional Certificate (SFPC), CertiProf, 2023
- Innovation Manager, Global Innovation Management Institute, 2016
- Diploma in Internal Audits, ISO 19011:2011, IDG, 2016

PATENT & PUBLICATIONS

- US Patent US1137516, sewer-trap design
- Interactive Tutorial on the Tools of Collaborative Design of a CAD Platform, International Conference on Engineering and Product Design Education
- Tools for Globalized Collaborative Design Training: Interactive Tutorial for the Alibre CAD System, LACCEI Latin American and Caribbean Conference for Engineering and Technology (6th)

LANGUAGES

Spanish (native) · English (C2, full professional proficiency)