# Gustavo A. Mejía

## Construction Technology Project Manager · Implementation and Delivery

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### SUMMARY

Mechanical engineer with 15+ years delivering construction projects, from a USD 40M+ portfolio of NYCHA, Amtrak, MBTA and SCA work to luxury hotels, resorts and an airport in the Caribbean. Self-taught software builder since before university, and leading construction software and ERP implementations since 2016 (Corecon, now Sage; Procore; SharePoint; Google Drive; Odoo, including a custom build). Product Owner of a 25+ module Odoo ERP that moved RFIs, submittals, transmittals, change orders, daily logs, Schedule of Values, QC and safety onto controlled forms, closed with a user manual and formal sign-off. Procore Certified (Project Manager, Superintendent, Engineer). Led the end-to-end build of PB Manage and Stamppa, directing Claude Code and Codex agents, and trained 40+ people on new tools and processes.

### SKILLS

- **Implementation and onboarding:** end-to-end implementation, from requirements to go-live and sign-off; user training for 40+ people; user manuals; adoption by field users; written handoffs.
- **Workflow design and change management:** field workflows to controlled forms; change control; change orders; usability testing before go-live; process improvement.
- **Construction technology:** Procore (Certified: Project Manager, Superintendent, Engineer); Corecon (now Sage); Odoo ERP, including a custom build; SharePoint and Google Drive for document control; construction document control (drawings, RFIs, submittals, transmittals); daily logs, Schedule of Values, QC and safety reporting.
- **Delivery and stakeholders:** stakeholder management with ownership, clients and subcontractors; steering committee; scope, schedule, risk and budget; cost control; subcontractor management; Scrum and Kanban; roadmap and backlog; user stories.
- **Tools and data:** Primavera P6 and MS Project (CPM, PERT, Monte Carlo, EVM); Jira, Asana, Monday, ClickUp, Confluence, Notion; SQL (read and review); Python and TypeScript (read and review); Git; Supabase, Vercel, Next.js.
- **AI-assisted delivery:** Claude Code, Codex, ChatGPT, Gemini; multi-agent orchestration, guardrails and permissions, Definition of Done, test gates, MCP server integration.
- **Languages:** English: C2, bilingual. Spanish: native.

### EXPERIENCE

**Partner & Product and Delivery Lead** | **Plano Base** — May 2026 to Present
Cali, Colombia · remote · Self-employed

- **PB Manage (pbmanage.com):** led the end-to-end build of a construction management SaaS, in use on site by a construction client in the Caribbean. Drawings, RFIs, submittals and transmittals replaced Excel, email and Drive, and it works without a signal.
- **Stamppa (stamppa.com):** led the end-to-end build of a desktop app for batch-stamping construction drawing sets, now publicly available. Managed code signing and notarization for macOS and Windows.
- Direct AI coding agents (Claude Code, Codex) through a delivery process I designed: tests designed with each story, a test gate before every release, written handoffs, a go/no-go decision before every release, refinement every iteration, and a Definition of Done I approve before anything ships. I measure the agent system (calls, error rate, cost).
- Lead product strategy and delivery for AEC software products and coordinate a team of 6 to 10 people, including designers and renderers: roadmap, user stories, backlog, QA and releases.
- **univalle.app:** led the end-to-end build of a building census platform, made for handover to Universidad del Valle.
- **planobase.co:** led the end-to-end build of the company's bilingual (ES/EN) website and management panel (Next.js, Supabase, Vercel), in production. Led the Wix to Next.js migration with technical SEO (196 to 315 indexed pages in six weeks) and set up Google Ads conversion tracking and Meta Pixel with Conversions API.
- Advised construction companies on AI adoption.

**Project Manager, Hardware Installations** | **Enertiv (Contract)** Jan 2026 to May 2026

New York, remote

- Closed ~160 submetering projects from a 400+ project backlog and streamlined the installation workflow, cutting cycle time significantly.
- Coordinated with product and engineering teams on hardware deployment, platform configuration and data go-live.
- Designed and prototyped an internal operations platform covering the delivery lifecycle (deals, buildings, survey review, scope, kitting, installation and issues), with role-based access and audit logs.

**Senior Project Manager and Odoo ERP Product Owner** | **SD Industries** Dec 2022 to Nov 2025

Brooklyn, NY · remote and on site · Full-time

- Senior PM, third in command after the CEO and COO. Managed a USD 40M+ construction portfolio for NYCHA, Amtrak, MBTA and SCA: scope, schedule, risk, change orders, budget, cost control and subcontractors, reporting to ownership.
- **Odoo ERP (Jan 2024 to Nov 2025):** led the implementation of a customized ERP across 25+ modules (estimating, sales, procurement, manufacturing, quality, projects, accounting and HR), with end-to-end traceability from estimate to accounting.
- Acted as Product Owner for the external development team: wrote user stories, prioritized the backlog, ran sprints and reviews, followed velocity and lead time, and held steering meetings with company ownership.
- Translated construction workflows into controlled forms (RFIs, submittals, transmittals, change orders, daily logs, Schedule of Values, QC and safety reports); recommended in writing to simplify and test usability before go-live, to drive adoption.
- Wrote the AI Specification Guide for the ERP's integrated AI, delivered the user manual and closed the project with formal client sign-off.
- Grew a NYCHA subcontract from USD 800K to 12M by documenting new scope as change orders and proposing technical solutions the client adopted.
- Turned around the MBTA station renovation: the punch list walk, 15 days in, found the IPE benches turning silver because the sub had not protected them against UV. Field-tested a three-phase renovation on a sample plank, documented it and sequenced the crew station to station across about 15 stations. Added UV protection, maintenance until handover and a QC gate before every handover.
- Ran renovation work in operating environments: occupied NYCHA housing and active Amtrak and MBTA facilities.
- Found executed change work that had not been billed and buyouts above the Schedule of Values.
- Met a 72-hour client deadline for a stair at Amtrak Richmond, CA, and took over field supervision myself when we lost our supervisor.
- Led the feasibility study for a new fabrication plant in Conroe, TX (USD 4M in machinery).
- Trained 40+ staff across the company.

**Project Manager & Senior Mechanical Designer** | **XMC Caribbean** Feb 2019 to Sep 2022

Miami, FL and the Caribbean · Full-time

- Started as site engineer at Great Guana Cay, Bahamas; three months later I was the PM for the Bermuda projects.
- Managed mechanical packages for hotels, resorts and an airport in the Bahamas, Bermuda, Cayman and Dominica (USD 12M+ combined): Bakers Bay at Great Guana Cay, The Pointe Hotel in Nassau and LF Wade International Airport in Bermuda.
- Commissioned pumps and electrical panels.
- Led the finishes and landscaping packages for hotels and luxury homes.
- Restructured the design department and ran Scrum (dailies, planning, review) with the pool design team.
- Technical consultant for estimating: mechanical, electrical and telecom.
- Ran finish selections with high-end residential clients: samples in person, photos, renders and mock-ups, a signature on every sample and a written confirmation. The one late change, a pool finish color, ran as a minor change order.
- Built hardwood decks for luxury homes and kept them renewed, which taught me that on high-end work mistakes are paid in reputation.

**Engineering & Design Manager** | **Peralta Estructuras Metálicas** Jun 2017 to Nov 2018

Bogotá, Colombia · Full-time

- Led engineering and design for the Atrio Tower steel package: scope, drawings, fabrication schedule and changes.
- Won a COP 3,350 million (~USD 0.8M) public tender for miscellaneous steel, grilles and ventilation elements (public record, SECOP).

**Founder & Project Manager** | **Ingeniería y Soluciones Efectivas (ISOE)** Feb 2013 to Jan 2019

Bogotá, Colombia · Self-employed

- Founded and ran an engineering firm delivering power, water-treatment and industrial projects for private clients (average project about USD 500K), including a 9.5 MW gas cogeneration plant.
- Managed scope, budgets, schedules and engineering teams of up to 30.

**Engineering Assistant to Designer & Field Engineer** | **Edospina** Jan 2007 to Dec 2012

Bogotá, Colombia · Full-time

- Moved from assistant to designer and field engineer on pool and water-treatment projects, while studying.

## SOFTWARE PRODUCTS

- **PB Manage (pbmanage.com):** construction document control. Problem: drawings, RFIs, submittals and transmittals scattered across Excel, email and Drive. For: contractors and project teams on site. Status: in use on site by a construction client in the Caribbean; works without a signal.
- **Stamppa (stamppa.com):** desktop app for batch-stamping construction drawing sets. Problem: stamping drawing sets by hand, sheet by sheet. For: architects, engineers and contractors who issue drawing sets. Status: signed and notarized for macOS and Windows, now publicly available. Includes a local MCP server so a user's own AI assistant can read and mark PDFs without a network connection.
- **Odoo ERP for construction (SD Industries):** 25+ modules from estimate to accounting, with RFIs, submittals, transmittals, change orders, daily logs, Schedule of Values, QC and safety as controlled forms. For: ownership, project managers and office staff. Status: delivered with user manual and formal sign-off.
- **Operations tool (Enertiv):** internal platform for the hardware delivery lifecycle, from deals and surveys to kitting, installation and issues, with role-based access and audit logs. For: the installation and operations team. Status: prototype.
- **univalle.app:** building census platform for Universidad del Valle. Status: built for handover.
- **planobase.co:** bilingual website and management panel for the company, in production.

## SELECTED PROJECTS

- **NYCHA subcontract (SD Industries):** renovation in occupied housing. Role: project manager. Scale: contract grew from USD 800K to 12M. Constraint: residents on site. Result: new scope documented as change orders and technical solutions the client adopted.
- **MBTA stations (SD Industries):** renovation of about 15 stations with about 10 benches each, on active rail facilities. Role: PM who joined to turn the project around. Constraint: a costly crew (six workers plus flagger and inspector) and one chance to get the finish right. Result: a field-tested three-phase procedure, a crew sequenced station to station, and a QC gate before every handover.
- **Odoo ERP (SD Industries):** 25+ modules. Role: Product Owner. Constraint: field and office workflows with different habits. Result: controlled forms for construction workflows, user manual and formal sign-off.
- **Caribbean mechanical packages (XMC Caribbean):** hotels, resorts and an airport, USD 12M+ combined, including LF Wade International Airport in Bermuda. Role: PM and senior mechanical designer. Constraint: island logistics and high-end owners. Result: commissioned pumps and panels, restructured design department.
- **Gas cogeneration plant, 9.5 MW (ISOE):** Role: founder and project manager. Scale: teams of up to 30 engineers. Result: delivered for a private client.
- **Atrio Tower steel package (Peralta):** Role: engineering and design manager. Result: scope, drawings and fabrication schedule led, plus a COP 3,350 million public tender won.
- **Conroe, TX fabrication plant (SD Industries):** Role: led the feasibility study. Scale: USD 4M in machinery.

## EDUCATION

- **M.Sc. in Project Management** | Universidad del Valle, Cali | Completed 2026. Thesis on schedule complexity in international construction projects: survey of 46 professionals, DEMATEL and Monte Carlo simulation in Python.
- **B.Sc. in Mechanical Engineering** | Universidad Nacional de Colombia, Bogotá | Apr 2018 (studied while working).

## CERTIFICATIONS

- Procore Certified: Project Manager (Project Management), Project Manager (Core Tools), Project Manager (Field Productivity), Superintendent, Engineer | Apr 2019
- OSHA 30-Hour Construction Safety and Health | May 2023
- NYC Site Safety Training credits (Safetek, NYC DOB provider) | Jun 2023: Fall Prevention (8 h), Site Safety Manager Refresher (8 h), Site Safety Plan, Pre-Task Meeting, Toolbox Talks, Drug and Alcohol Awareness, Confined Space Entry, Flag Person, First Aid and CPR, Sun Exposure
- Roadway Worker Protection for rail work (49 CFR 214 Part C) | 2024
- Preparing for the PMP exam (Jan 2027)
- Scrum Master Professional Certificate (CertiProf) | May 2022
- Diploma in Java Programming (120 h), Politécnico de Colombia | May 2022
- Foundations of Project Management (Coursera) | May 2022
- Get started with Jira; How to create a Jira Scrum project (Coursera) | Oct 2022
- Agile Foundations; Scrum: The Basics; Managing and Working with a Technical Team for Nontechnical Professionals (LinkedIn Learning) | Oct 2021
- Crossmedia, Media and Information Literacy and AI (MinTIC, 10 h) | May 2026; Transmedia (MinTIC, 10 h) | Jan 2026