Danyel Duarte

Product Builder · Digital products built with AI, from discovery to production

Former Product Owner and Tech Manager · 20+ years in technology · Advanced English

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SUMMARY

Product Builder with more than 20 years in technology. I started as a Java developer, worked as a Product Owner and Tech/Product Manager and, since 2024, have been building complete digital products with AI (Claude Code, Cline, Hermes and Lovable). I define requirements and architecture, drive the build, review the result, require automated tests and take care of release and ongoing support.

Recent results: rebuilt a corporate mobile app on my own in 14 days, with more than 1,300 automated tests and 20,000 records loaded in under 10 seconds; launched a SaaS that cut the time to put together a quote from 2 days to 3 hours; and today I automate tax processes and Oracle Fusion reports with n8n.

I am looking for a hands-on Product Builder, AI Builder or Product Manager role.

KEY SKILLS

- **Product:** discovery, requirements, prioritization and agile delivery; PM3 certifications in Product Management (with honors), Growth, Analytics and Product Operations.
- **Building with AI:** web SaaS and mobile apps from scratch to production with Claude Code, covered by automated tests and CI.
- **AI applied to product:** structured extraction with the Claude API, vector search (pgvector), quality evaluations (recall and precision) and AI cost control.
- **Automation and integrations:** n8n, REST and SOAP APIs, Stripe, WhatsApp, Google Workspace and Oracle Fusion (BI Publisher).
- **Leadership:** built and led a technology team of 12 people and cut IT expenses by 75%.

PROFESSIONAL EXPERIENCE

IT Analyst · Pluma, Cascavel · Jul 2026 – present

- Built TI Conecta, an internal portal for the tax department with role-based access control (RBAC) by company and branch, enforced in the database with Row Level Security, which generates the SAFX13 and SAFX82 tax files through n8n workflows. 160 automated tests and Docker deployment.
- Automated the extraction of Oracle Fusion reports through the BI Publisher SOAP web service, with filters loaded in real time from the ERP and delivery in Excel.

Independent Product Builder · Aug 2024 – present

- Building mobile apps, SaaS, CRMs and automations with AI for clients and for my own products (details under Featured projects).
- Responsible for the full cycle: proposal, requirements, architecture, development, testing, release and support.

Tech/Product Manager · AlfaCon Concursos, Cascavel · Jun 2021 – Jul 2024

- Cut total IT department expenses by 75% with a cost optimization plan.
- Built and led a technology team of 12 people, aligned with the company's quarterly priorities.
- Introduced Scrum and Kanban for new product delivery and legacy system maintenance, raising team velocity by 50%.

Senior Business Analyst / Product Owner · 2012 – 2021

Contabilizei, DB1 Global Software, Wealth Systems and Datacoper

- Ran product discovery with UX teams, using user research and high-fidelity prototypes.
- Led a multidisciplinary team on a sales force automation and CRM project.
- Mentored teams through the agile transformation, with Kanban and Scrum.

Java Developer and Development Coordinator · Datacoper Software · 2004 – 2012

- Built the billing and tax modules of an ERP for agribusiness in Java, with Oracle and PostgreSQL.
- Coordinated the ERP support team and helped with customer rollouts.

FEATURED PROJECTS

GRT Mobile: attendance app for contractors · 2025 – 2026

Corporate app used at the gatehouse of client companies to record contractors' attendance according to their compliance status. I built the V1 in Bubble Mobile, under contract with Camada (the contract owner), and the V2 in custom code, as a proof of concept on my own.

- **V2:** rebuilt on my own in 14 days, part-time. 20,000 workers loaded in under 10 s on a mid-range Android, sync with no loss or duplication, and infrastructure from about US$ 40/month.
- **Quality and security:** more than 1,300 automated tests in CI, credentials encrypted with AES-256, passwords and PINs strongly hashed, and a limit on sign-in attempts.
- **V1:** sign-in with an email code, PIN for offline use, lookup by CPF, list or QR Code, terms acceptance with logging and sync with the client's API.

Stack: Expo (React Native), TypeScript, SQLite, Node.js, Fastify, PostgreSQL (Neon), pg-boss, Zod, Fly.io, Sentry, GitHub Actions.

Mestre Bizu: AI-powered question portal for public exams · in development · 2026

Platform that reads an exam notice PDF, extracts positions, exams and syllabus with AI and shows how much of the exam the question bank covers.

- Structured extraction from notices of up to 600 pages with the Claude API, showing the source page of every data point.
- Mapping of the notice to a subject taxonomy with embeddings and pgvector, with AI confirmation.
- Automated quality evaluations (recall and precision), an AI cost dashboard per notice and background processing with Inngest.

Stack: Next.js 16, React 19, TypeScript, Supabase (Postgres, pgvector, Auth, Storage), Claude API, Voyage AI, Inngest, Vitest, Playwright.

Balloon Partyner: SaaS for party decorators · own product · 2025 – 2026

Subscription platform with quotes, pricing, work orders, scheduling and finances for balloon decoration businesses.

- Proposals and work orders as PDFs sent over WhatsApp: the time to put together a quote dropped from 2 days to 3 hours.
- Pricing engine (materials, labor, expenses and margin) with a budgeted-versus-actual comparison per event, and an AI assistant with deterministic calculations.
- Subscriptions through Stripe in reais and dollars, with signed webhooks, a free trial and an interface in Portuguese, English and Spanish.

Stack: React, TypeScript, Vite, Tailwind, Supabase (Postgres, Auth with Google OAuth, Storage, Edge Functions), Stripe, Lovable.

CRM for a travel agency · 2025

- Custom CRM with itinerary planning, payment tracking and proposals generated automatically through the Google Slides API, cutting about 70% of the manual preparation time.

Stack: Bubble.io, Google Workspace APIs.

Bubble Certify: Bubble certification simulator · discontinued · 2025 – 2026

- Timed mock exams, practice by topic, flashcards, a performance dashboard and an admin area with role-based access.

Stack: React 19, TypeScript, TanStack Start, Supabase (Postgres, Auth, RLS), Lovable.

TECHNOLOGIES

Since 2024, the code in my projects is generated with AI (Claude Code, Lovable) under my direction: I define requirements and architecture, then review and validate with tests. Hands-on programming: Java, Oracle and PostgreSQL (2004 to 2012).

Product	Product discovery, requirements, BPMN, prioritization, Scrum, Kanban, Figma
Building with AI	Claude Code, Cline, Hermes, Lovable, Claude API, prompt engineering, Gemini
Front-end and mobile	React, TypeScript, Next.js, Vite, Tailwind CSS, shadcn/ui, Expo, React Native
Back-end and data	Node.js, Fastify, Supabase, PostgreSQL, pgvector, Oracle, SQLite, Java
No-code and automation	n8n, Bubble.io (web and mobile), Lovable
Integrations	REST and SOAP APIs, Oracle Fusion (BI Publisher), Stripe, Google Workspace, WhatsApp, OAuth2/OpenID
Quality and deployment	Vitest, Jest, Playwright, GitHub Actions, Sentry, Docker, Fly.io

EDUCATION, CERTIFICATIONS AND LANGUAGES

Bachelor's degree in Information Systems · Unipar – Universidade Paranaense, Cascavel, Brazil · 2002 – 2005

Certifications: Product Management, with honors (PM3) · Product Growth (PM3) · Product Analytics (PM3) · Product Operations Fundamentals (PM3) · Scrum Foundation Professional Certificate.

Languages: Portuguese (native), advanced English.