

Dev Ganugapenta

West Palm Beach, FL · Remote (US)

Senior Software Engineer · Full-Stack & AI Applications

dganuga@gmail.com linkedin.com/in/dev-ganuga-4b3b6431a github.com/DevGanuga initdev.co/talent/dev-ganuga

Senior full-stack engineer who takes products from zero to market. Built four startup products end to end in the past year as founding engineer, two of them now generating revenue, and delivered enterprise AI platforms for corporate clients, including one presented at Web Summit 2025. Works in TypeScript, Next.js, and PostgreSQL with strong production LLM experience, owning everything from data model to deployment and incident response.

SKILLS

Languages: TypeScript, JavaScript, SQL, Python

AI / LLM: OpenAI and Anthropic APIs (GPT-4o, Claude), structured output and tool calling, streaming, RAG with Pinecone embeddings, agent workflows (LangGraph, n8n), generative image and video (fal.ai, Tavus), transcription and media pipelines, human-in-the-loop review systems

Frontend: React 19, Next.js App Router (server components and server actions), Tailwind CSS, Framer Motion, TipTap rich-text editing, React Hook Form, Zod validation, Zustand, data visualization

Backend & Data: Node.js, PostgreSQL (schema design, migrations, row-level security), Supabase, REST and GraphQL API design, Shopify headless commerce, Clerk and Supabase Auth (OAuth), signed webhooks, cron jobs, transactional email (Resend), Google Maps Platform

Payments: Stripe subscriptions and customer portal, tiered and usage-based pricing, atomic credit ledgers with escrowed spend and automatic refunds, idempotent webhook processing

DevOps & Observability: Vercel (edge, serverless, cron), CI/CD pipelines, Sentry across edge and server runtimes, Playwright end-to-end testing

Architecture & Practices: Multi-tenant SaaS design, event-driven and idempotent systems, production incident response, release QA processes, technical proposals and scoping

EXPERIENCE

Independent Product Engineer · Self-employed · Upwork Top Rated Plus

2025 – Present

Full-stack and AI product development for startups and enterprise clients. The ventures and platforms below were built through this practice.

- Built four startup products from zero to market as founding engineer, two now generating revenue, alongside enterprise platform delivery for corporate clients.
- Top Rated Plus on Upwork with 100% Job Success; every completed engagement rated 5.0.

Lead Engineer · Leading with AI, a Limpid&Co division (contract)

Oct 2025 – Jun 2026

AI Navigator, an enterprise AI readiness platform. Live at navigator.leadingwith.ai.

- Owned the platform end to end: built the GPT-4o assistant that navigates the app and runs analyses for the user, and a sentiment engine scoring 1,000+ employee survey responses on where and why AI adoption stalls.
- Delivered Phase 1 ahead of the client's Web Summit 2025 presentation, then wrote the Phase 2 proposal (scope, team, budget) and won the follow-on contract.

Founding Engineer · Dyia (contract)

May 2026 – Jun 2026

Field-service SaaS for service businesses. Live at dyia.io with paying subscribers.

- Built the company's product from zero to launch in two months: crew dispatch on Google Maps, invoicing, job profitability reporting, an Anthropic-powered reporting assistant, and tiered Stripe subscriptions.
- Took it to market and first paying subscribers, diagnosed and fixed the first live billing incident, and wrote the release QA checklist that has gated every release since.

Founding Engineer · Animalia (contract)	Apr 2026 – Jun 2026
Pet wellness e-commerce startup on headless Shopify. Live at animalia.market, pre-launch.	
- Built the storefront from zero as the only engineer, turning a raw supplier catalog into a working store: typed domain layer over the Shopify Storefront, Cart, and Admin APIs (33 GraphQL operations). - Wrote a revenue-weighted merchandising engine (deterministic, no LLM at render time) and an AI product photography pipeline that generates brand-constrained images and writes them back to the catalog.	
Sole Engineer · Company Challenges, for Limpid&Co (contract)	Apr 2026 – Jun 2026
Enterprise learning platform, delivered and invoiced. companychallenges.com	
- Built and delivered the entire platform solo, designing the content model so a challenge is authored once and runs across any number of cohorts without duplicating content. - Traced a production query failure to a PostgREST regression from a Supabase upgrade and shipped the fix within hours.	
Platform Engineer · Strengthening the Saints (contract, team build)	Feb 2026 – Jun 2026
Church discipleship platform on multi-tenant Postgres.	
- Worked across a multi-tenant Postgres platform where each congregation's data is isolated through row-level security (200+ policies). - Built sermon and study authoring on TipTap with scripture insertion, shipping through CI that runs lint, typecheck, build, and Playwright smoke tests on every push.	
Founding Engineer · AI Blueprint (contract)	Jan 2026 – Mar 2026
AI creative platform with a paid credit system. In market and generating revenue.	
- Built the platform to launch and first revenue: multi-studio AI generation on fal.ai with Stripe subscriptions and a paid credit system, on Next.js 15 and Supabase. - Designed the billing core: an atomic SQL credit ledger that cannot go negative under concurrent spend, escrowed credits refunded automatically when a model fails, and idempotent webhooks that survive replay.	
Founding Engineer · Drip (contract)	Oct 2025 – Dec 2025
Privacy-focused AI relationship companion startup, built solo to investor-demo stage.	
- Built the entire product alone in three months (98 API routes, 38 migrations) and carried it to investor-demo stage. - Designed the privacy architecture the product depends on: dual-store memory across Postgres and Pinecone with ownership-scoped retrieval, so two partners sharing one companion can never read each other's entries, plus an operator console where a human approves every AI-drafted message.	
AI Automation Lead · Yorali USA	2023 – 2024
Boynton Beach, FL. Full-time.	
- Cut customer acquisition cost 45% and manual process load 60% with custom AI sales tooling. - Trained a team of 8 to 95% adoption; 30% lift in sales productivity.	
Business Development Manager · 4D Global (Inc. 5000)	2023
Miami, FL. Full-time. Healthcare revenue operations.	
Improved appointment conversion 35% and qualified leads 25% through outbound automation.	

EDUCATION & CERTIFICATIONS

Harvard Business School — Credential of Readiness: Analytics, Strategy & Management	2025
McFatter Technical College — Technical Degree, Computer Science & Network Support	2024
Stanford University School of Engineering — Strategic Planning Professional	2024
IBM — Python for Data Science, AI & Development Specialist	2024