

GODOY LIAM MUÑOZ SOLORZANO

Senior Full-Stack Software Engineer · TypeScript, Node.js & React · Python · LLM Applications

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PROFILE

Full-stack software engineer with 5+ years building and operating production platforms in healthcare, insurance and other regulated domains. Deep in the TypeScript ecosystem (Node.js / NestJS and GraphQL on the backend, React and Next.js on the frontend), with production Python services (FastAPI, Django / DRF) and hands-on LLM work: retrieval (RAG) architectures, AI voice-agent integrations and LLM-driven analysis features. I own systems end to end: gathering requirements with business stakeholders, architecture and domain modeling, API and integration design, data migrations, infrastructure as code, releases and production support.

My specialty is the hard middle of business software: multi-step workflows modeled as explicit state machines, integrations with unreliable third parties, and data changes that must land without downtime. I care about how software moves business outcomes, and I like building tools that let non-engineering teams operate on their own. I raise the engineering bar through testing standards, shared component libraries and clear documentation, and I work comfortably async and in English with US and European teams.

ENGINEERING HIGHLIGHTS

- **Platform ownership:** build and evolve Launchpad, OpenLoop's internal platform for provisioning virtual-care programs, including a multi-step intake engine modeled as explicit state machines and zero-downtime cross-service migrations.
- **AI in production:** led LaunchOps for HeyReviva, an AI voice-agent product, integrating call workflows into the platform with retry, timeout and failure handling; designed a RAG architecture for candidate-job matching at Sowira AI.
- **Business self-service:** took the TRT Pharmacy Routing Guide from requirements to production, including a versioning system that lets the pharmacy team publish updates without engineering involvement.

TECHNICAL SKILLS

Backend	Node.js, NestJS, Express, tRPC, Python (FastAPI, Django, Django REST Framework), REST and GraphQL API design, webhooks, background jobs & queues, event-driven workflows, workflow / state-machine modeling
AI / LLM	LLM application integration, retrieval / RAG architecture, AI voice-agent workflow integration, LLM-driven analysis features, prompt design; AI-assisted engineering with Claude Code and Cursor
Frontend	React, TypeScript, JavaScript (ES6+), Next.js, Redux, Vite, Tailwind CSS, Material UI, Storybook, micro-frontends (Module Federation), React Native / Expo (iOS & Android), legacy jQuery & AngularJS
Data	PostgreSQL, MySQL, BigQuery, DynamoDB, MongoDB, Redis, Prisma, TypeORM, Django ORM, SQL, schema design, query optimization, migrations & backfills
Cloud & Ops	AWS (Lambda, DynamoDB, S3, CDK / IaC), Cloudflare Workers, Google Cloud, Azure, DigitalOcean, Docker, Docker Compose, Linux, Nginx, CI/CD (GitHub Actions, GitLab CI), staging & production releases
Security	Authentication & authorization (JWT, OAuth 2.0, Azure AD B2C), input validation, secure handling of clinical and financial data in regulated environments
Integrations	Payments (Stripe, MercadoPago), WebSockets, third-party APIs with retries and timeouts; automation with n8n, Make and Zapier
Quality	Unit / integration / E2E test strategy, Jest, React Testing Library, TDD, production debugging, WCAG accessibility, performance tuning
Tooling	Git, GitHub, GitLab, Jira, Figma, Postman

PROFESSIONAL EXPERIENCE

Software Engineer (Full-Stack) | OpenLoop Health

Dec 2025 – Present

Remote, United States · US digital-health company running virtual-care programs for clinical partners

- Build and maintain backend services in Python (FastAPI, Django/DRF) for Launchpad, the platform that provisions and configures new virtual-care programs; own domain modeling, REST and GraphQL API design and data flow across distributed services.
- Designed and shipped Program Studio, a configuration tool that assembles multi-step patient intakes and keeps them synchronized across environments and downstream products; explicit states, preconditions and validation let partially completed intakes resume safely without breaking downstream contracts.
- Led LaunchOps for HeyReviva (AI voice-agent product): Python services and integrations connecting call workflows into Launchpad, with retry, timeout and failure handling for unreliable third-party calls.
- Planned and executed data migrations across services and schemas using idempotent Python scripts, backfills and verification passes, with zero downtime for live clinical operations.
- Delivered the TRT Pharmacy Routing Guide end to end: DynamoDB + AWS Lambda + GraphQL backend and a React/Vite UI surfaced inside DoseSpot during prescribing, plus a versioning system so the pharmacy admin team publishes updates without engineers.

- Own GraphQL schema architecture and resolver performance; implement CI/CD and AWS infrastructure as code with AWS CDK across environments, and deploy releases to staging and production.
- Architected the company-wide React/TypeScript component library in Storybook, adopted across product teams; translate requirements from product, clinical and operations stakeholders into technical plans and own areas through production support.

Software Engineer | Encora

Aug 2025 – Dec 2025

Lima, Peru · Client: Pacífico Seguros, regulated insurance e-commerce (SOAT vehicle insurance)

- Rebuilt and optimized multi-step purchase funnels, removing friction points that were dropping users mid-process and improving conversion on the online purchase experience.
- Built Node.js backend integrations and APIs for insurance purchase flows: data validation, request handling and performance work on transactional data in a regulated financial-services context.
- Developed Next.js, React and Gatsby apps in a large existing codebase with an agile client squad, turning business and compliance requirements into shippable, accessible features.

Semi-Senior Frontend Developer | Softtek

Nov 2024 – Aug 2025

Lima, Peru · Client: Pacífico Salud, clinic and supplier management platform

- Built micro-frontends in React with Webpack Module Federation, defining clear module boundaries and independent deployability across teams.
- Practiced TDD with Jest, writing unit and integration tests and raising the team's testing standard.
- Developed the corporate UI library aligned to the brand design system, published to Azure Artifacts and documented in Storybook.
- Integrated Azure AD B2C authentication, REST API consumption and WebSockets for real-time notifications.

Full-Stack Developer (Contract) | Provento Group AB

Apr 2024 – May 2025

Sweden, Remote

- Designed and built REST APIs with NestJS, Node.js and tRPC in a modular, layered architecture that separates domain logic from infrastructure.
- Modeled and optimized relational data in MySQL with Prisma and TypeORM, including migrations and query tuning.
- Built Entralink, a React Native + Expo app (iOS and Android) with i18n in three languages, plus its Next.js web platform and back-office for managing applications, jobs and events.
- Implemented JWT authentication and deployed services with AWS, Docker and CI/CD (GitHub Actions / GitLab CI); delivered a time-tracking mobile app with real-time location capture and a React admin dashboard with live notifications.

EARLIER EXPERIENCE

Frontend Developer | Tadcon SAC · ERP for San Ignacio University (Miami, USA): complex data tables, reports and dynamic calendars over a REST/MVC backend. Aug – Nov 2024

Frontend Developer | Softbelt International · Next.js + TypeScript platforms (escueladesuperaprendizaje.com, cpia.pe) and the Lektor Executive React Native app. Feb – Aug 2024

Full-Stack Developer | Insource SAC · React / React Native frontends, OAuth 2.0 and Google Cloud integrations, Node.js/Express APIs for tempaño.net e-commerce. Sep 2023 – Feb 2024

Full-Stack Developer | Monstruo Creativo · Led a small team building a business CRM and an online learning platform (Next.js, Node.js); deployed on DigitalOcean, AWS S3 and Heroku. Sep 2022 – Sep 2023

Full-Stack Developer | M&M Dental Group · Clinical CRM (Next.js, Node.js): patient management, appointment scheduling and data tracking. Nov 2022 – Mar 2023

Frontend Developer | Z & P Soluciones · Corporate web app and React e-commerce for Aceros Comex. Jan – May 2022

SELECTED PROJECTS

- **Sowira AI** (sowira.com), enterprise B2B recruitment SaaS: led full-stack development of the company platform and candidate app; modeled hiring pipelines as explicit states and transitions and designed a RAG architecture for candidate–job matching.
- **Pet Health** (pethealth.life, open source): built end to end, including health logs, preventive-care tracking and LLM-driven analysis that produces recommendations from each pet's history.
- **Atelier So Much** (ateliersomuch.com): Next.js storefront with SSR, Supabase for real-time data and auth, and MercadoPago payments across Latin America.

EDUCATION

B.Sc. Computer Science | Birla Institute of Technology and Science (BITS), Pilani, India 2023 – 2026

Mechatronics Engineering | Universidad Tecnológica del Perú, Lima 2019 – 2023

LANGUAGES & CERTIFICATIONS

Languages: Spanish (native) · English (C1, fluent) **Certifications:** Meta Front-End Developer (2023) · Fullstack Development, Escalab Tech (2023) · English C1, Peruano Británico (2023) · IB Diploma (2017)