

Ronald Terceros

FULL-STACK ENGINEER | TYPESCRIPT · REACT · NEXT.JS · NODE.JS · NESTJS · POSTGRESQL

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SUMMARY

Full-Stack Engineer with 6+ years of experience building and shipping production web applications using TypeScript, React/Next.js, NestJS, and PostgreSQL. I work across the full product lifecycle, from architecture and development to containerized deployments using Docker, as well as CI/CD on AWS and self-managed VPS infrastructure. I've integrated third-party services such as Stripe, Gemini, AWS S3, and Cloudinary, among others, and contributed to building and maintaining multi-tenant platforms in production, supporting project delivery and backend architecture decisions.

TECHNICAL SKILLS

Backend: TypeScript, Node JS, NestJS, PostgreSQL, Prisma, REST APIs, GraphQL.

Cloud & DevOps: Docker, AWS (EC2, RDS, S3), GitHub Actions, CI/CD, VPS, Vercel.

Frontend: React, Next.js, Zustand, React Query, MUI, Ant Design.

Tools: Git, Linux, Postman, Jira, Claude Code.

PROFESSIONAL EXPERIENCE

Bolivian Devs | Full-Stack Developer

Bolivia (Remote) · Feb 2024 – Present

TsunaGo · Mobile-first web platform for assisted-transport taxi matching (JP Client) · tsuna-gou.jp

- Led delivery of the platform, coordinating the team's work and owning backend architecture decisions across authentication, payments, and ride lifecycle.
- Developed the backend using NestJS, TypeScript, and PostgreSQL, delivering a secure web platform with JWT authentication and role-based access control for drivers, passengers, and administrators.
- Built a reliable payment processing workflow with Stripe, including webhook handling, automated retry mechanisms, and safeguards to ensure transaction consistency.
- Implemented background automation for ride lifecycle management, compliance reminders, and notifications, while integrating AWS services and Google Maps APIs to support core platform functionality.
- Established CI/CD pipelines with GitHub Actions and managed containerized deployments on AWS infrastructure using Docker and Traefik.
- Developed a mobile-first client application with React Native and Expo, delivering role-based user experiences, payment flows, and a scalable foundation for future iOS and Android releases.

Makevi · SaaS for Shopee seller management (JP Client) · makevi.jp

- Co-developed a multi-tenant SaaS platform using NestJS, TypeScript, PostgreSQL, and Prisma, contributing to backend architecture, business logic, authentication, and access control.
- Hardened and stabilized integrations with Stripe subscriptions and Shopee marketplace synchronization, resolving inconsistencies and edge cases across background processing workflows to ensure reliable billing and e-commerce operations.
- Collaborated on the frontend using Next.js and React, building reusable UI components and delivering user-facing features wired to the backend integrations.

Additional projects:

- RING (JP Client):** restaurant operations platform. Full-stack work (NestJS + Prisma + React) across backend APIs and frontend features.
- Joint (JP Client):** enterprise integration platform (iPaaS). Authored OpenAPI specifications to onboard services into an existing adapter-generation pipeline.

Jalasoft | Full-Stack Developer

Bolivia (Remote, in-site) · 2020 – 2024

Cosmic Latte · Survey and evaluation platform (BO Client)

- Developed backend services and API endpoints using Node.js and MongoDB, supporting survey processing and data analysis workflows.
- Built a Python-based sentiment analysis service that processed open-ended survey responses using a pre-trained machine learning model.
- Implemented asynchronous processing with RabbitMQ for the platform's messaging infrastructure, improving the reliability and scalability of email and notification delivery.
- Developed webhook capabilities that enabled client systems to receive event-driven updates through configurable integrations.
- Mentored developers from the research program through regular code reviews, improving code quality and consistency across the team.
- Supported application deployment and operations using Docker, Kubernetes, and GitLab CI/CD pipelines across staging and production environments.
- Created automated API integration tests to improve software quality and reduce regressions during releases.
- Built frontend features with React and Meteor, including real-time dashboards, data visualizations, and survey management interfaces.

Smart Building Utility Management (US Client) · Outsourcing

- Built the frontend with React, TypeScript, GraphQL, MUI, and Redux for a building data tracking application, and contributed to the NestJS and Firestore backend.

FREELANCE

Multi-Tenant ERP/POS for Restaurants

Freelance Side Project · 2026 · www.khash.app

- Designed and developed a multi-tenant ERP/POS platform for restaurants, implementing tenant isolation, RLS, role-based access control, and secure authentication across multiple business locations.
- Built a modular architecture that lets businesses enable industry-specific capabilities such as point of sale, inventory management, cash operations, recipes, and kitchen workflows from a shared platform, with restaurant capabilities already in production and additional verticals planned.
- Applied domain-driven design principles to keep business logic maintainable and support the evolution of independent product modules.
- Developed a cross-platform POS application with React, delivering optimized experiences for desktop and touch-based devices from a shared codebase.
- Managed the complete delivery lifecycle: architecture, development, deployment, CI/CD automation, and infrastructure operations using Docker on self-managed VPS infrastructure.
- Deployed the platform to production and onboarded restaurant customers, validating the product in real business operations.
- Used AI-assisted development tools to accelerate implementation, testing, and delivery across the full stack while retaining control over architecture and code quality.

Multi-Tenant ERP for Textile Manufacturing

Freelance Side Project · 2025 · www.konfek.com

- Designed and implemented a multi-tenant for textile manufacturing, modeling products, variants, production attributes, pricing structures, and order workflows to support the client's operational processes.
- Reduced manual order-entry effort by approximately 85% by implementing an AI-powered OCR workflow that converts garment specification images into structured production orders.
- Developed the backend using NestJS, TypeScript, PostgreSQL, and Prisma, delivering secure authentication, role-based access control, and business workflows across multiple domain areas.
- Built a React-based web application and Progressive Web App (PWA), an administrative console deployed on Vercel, and a marketing website built with Astro.
- Delivered the solution end to end, from architecture and implementation through deployment and client adoption, digitizing previously manual manufacturing processes.
- Designed and maintained CI/CD pipelines, automated deployments, and production infrastructure to support reliable delivery across all applications.

EDUCATION

Jala Foundation Research & Development Program

Jala Foundation

Intensive software engineering training combined with hands-on development in a production software project.
2019

Commercial Software Development Training Program

Jala Foundation

Intensive training in commercial software development and engineering best practices.
2018

Higher Technical Degree in Computer Systems

CEFTE Institute, Bolivia

3-year post-secondary technical program
2015 - 2017

LANGUAGES

English

Upper-intermediate

Spanish

Native