

GITEX // REPOSITORY ONBOARDING & FIELD GUIDE

Target: adrian-1-cardona/gitex | Plan: Universal Access (All Plans) | Generated: 2026-09-24

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SECTION 1: QUICK SUMMARY & 60-SECOND TL;DR

Welcome to Gitex! This quick summary provides everything you need to know to understand the project at a glance without reading through full architectural docs.

* Core Tech Stack

- Frontend & API: Next.js 16 (App Router), React 19, Tailwind CSS v4
- **Backend & Database: Convex 1.41 (Real-time reactive document store & serverless functions)**
- Authentication: Clerk JWT auth with client session bridging
- AI / Embeddings: Google Gemini (text-embedding-004 & Gemini 2.0 Flash) for RAG
- Payments: Stripe Checkout & Billing Portal webhooks
- Observability: Sentry + Structured Telemetry Logger with Redaction

* Essential 1-Minute Developer Commands

- Install Dependencies: `npm install`
 - **Validate Environment: `npm run doctor` (Validates keys & CLIs safely without leaking secrets)**
 - **Start Local Dev: `npm run dev` (Starts Next.js, Convex backend, and Stripe listener)**
 - Run Tests: `npm test` (Runs Vitest suite; `npm run typecheck` validates TS)
- You have downloaded the Quick Summary mode. For in-depth engineering walkthroughs, download the Full Onboarding Guide or switch modes in the Gitex UI.