

Raunit Jaiswal

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Summary

I am a protocol engineer and backend developer shipping production work in Solana DeFi, real-time indexing, and autonomous agent infrastructure. I created **Fraction**, a Sec3-audited Solana revenue-splitting protocol live on mainnet, and I am a core contributor to **Suzi** (SendAI's agent platform backed by Solana Labs), where I have shipped over 25 DeFi, CEX, and data protocol integrations end-to-end. I am comfortable across Rust, TypeScript, and the full backend stack: Anchor programs, Temporal workflows, and gRPC stream processors. Open to roles in protocol engineering, backend, and full-stack across the ecosystem.

Experience

SendAI

Aug 2025, Apr 2026

Protocol Engineer

Remote

- Shipped over **25 DeFi, CEX, and data protocol integrations** into SendAI's autonomous agent platform end-to-end, including Hyperliquid (perps, spot, builder fees, HIP-3 builder DEX), Phoenix perps (TP/SL bracket orders and isolated margin), Drift, Meteora (DLMM and DAMM v2), Kamino, PumpFun, Sanctum, Relay cross-chain bridging, Kalshi, Birdeye, DFlow, and Helius.
- Designed and built **real-time WebSocket trigger infrastructure** from scratch: TypeScript trigger definitions, a Rust ingest service with subscription-state diffing, and a Rust matcher with Redis consumer groups dispatching into Temporal workflows. Enabled horizontally scalable event-driven agent execution.
- **Created Fraction**, a Solana on-chain protocol for atomic revenue splitting. Designed the program, shipped the SDK, drove the Sec3 audit, and deployed to mainnet and devnet (see Projects).
- Built an on-chain **Treasury Sweep system** (modeled on Jupiter's fee-collection design) that aggregates protocol fees across every integrated protocol, runs hourly, and consolidates all balances into USDC in a single atomic flow.
- Shipped uniform **Helius-powered Solana transaction optimization** across every write action (dynamic compute-unit estimation, priority-fee calculation, and Helius Sender routing), materially improving landing rates during congestion.

Projects

solana.new | Next.js, TypeScript, AI Skills | SendAI & Superteam



- Flagship onboarding platform (*think. build. ship.*) where founders go from idea to launch in hours using 100+ AI skills, MCPs, and CLIs. The explore surface needed a smarter way to match builders to the right starting point.
- Joined as an open-source maintainer and shipped a **Copilot-powered explore screen** that performs gap analysis between a builder's intent and the available skill catalog, authored **6 of the 16 domain-specific build skills**, and curated the Solana Foundation infrastructure repo catalog for in-platform discovery.
- New builders now land on solana.new, find a matched skill, and ship a working Solana app the same day, without leaving the platform to hunt for reference implementations.

solanaskills.com | Next.js, TypeScript, Agent Skills Directory



- The SendAI agent skills directory for Solana is where developers come to scope integrations against real protocols. The discovery grid was treating every skill as equal weight regardless of demand.
- Took on maintainership and **re-prioritized the skills grid** to surface high-traffic protocols (Jupiter, Meteora, Kamino, Drift, Hyperliquid) at the top, then reworked category grouping, search, and protocol metadata.
- A developer scoping "how do I integrate X" now lands on a working skill reference in under a minute instead of scrolling through an undifferentiated list.

Suzi | Autonomous Trading Agent Platform: TypeScript, Rust, Solana, Temporal | backed by Solana Labs



- Suzi (*think open-claw for trading*) lets users deploy 24/7 agents from their wallet across 25+ protocols, surfaced through Claw on Telegram, CLI, Terminal, and Mobile. The platform needed a unified backend that could sign on Solana and EVM, react to live market events, and execute complex trades atomically.
- Joined as a core contributor and built across protocol integrations (Hyperliquid, Phoenix, Drift, Meteora, Orca, Raydium, Kamino, DFlow, Relay), real-time trigger infrastructure (WebSockets + Redis Streams + Temporal), data pipelines (Helius, Birdeye, DefiLlama), and the Parquet-to-ClickHouse ingestion service with tenant isolation via row policies.
- A Suzi user can now issue "buy SOL when X happens" from Telegram, and an agent reliably wakes up, signs, lands the transaction, and writes structured history back, across any of the 25+ supported protocols.

Fraction | Rust, Anchor, TypeScript SDK, Solana



- Agents, launchpads, and revenue-split use cases on Solana had no non-custodial primitive for atomically splitting incoming funds across many recipients. Every team was rebuilding the same fragile escrow logic.
- Designed and shipped Fraction end-to-end as the sole engineer: an Anchor program where a user creates a `fraction.config` of distribution rules, a permissionless cranker triggers a `claim` that atomically distributes the treasury per config (0.05% fee, no manual withdrawals), the TypeScript SDK, and the **Sec3 audit (Sept 2025)** with reproducible builds.
- Fraction is now live on mainnet and devnet, integrated into Suzi as a primitive, and any project on Solana can plug in atomic revenue splits in a few lines instead of writing a custom contract.

Yellowstone gRPC Solana Indexer | TypeScript, Node.js, Prisma, gRPC, PostgreSQL



- Solana developers wanting to index account, slot, transaction, and block updates in real time were stitching together brittle one-off scripts against the Yellowstone gRPC stream.
- Built a modular real-time indexer with pluggable subscription types (main, account-only, token-program) swappable via a single config line, tracking USDC, USDT, wSOL, and SPL Token Program accounts out of the box, persisting to PostgreSQL via Prisma with color-coded structured logs.
- The project earned **30 GitHub stars** and is used by other Solana developers as a starting point for production indexing pipelines.

RayStream | TypeScript, Solana, Raydium



- Traders and bots needed live visibility into Raydium pool events and swaps without polling RPCs. Built RayStream as a real-time activity stream that surfaces pool events and swaps as they happen on-chain; earned **28 GitHub stars** and is used as a reference for Raydium event streaming.

Other open-source Solana work | Rust, Anchor, Pinocchio, TypeScript



- Shipped programs and tools across **Pinocchio** (flash loans, vaults, Meteora swap, stake, AMM curves, time-based vaults), **Anchor** (escrow, staking, NFT marketplaces), and low-level Solana (order books, custom syscalls, runtime experiments).
- Upstream contribution: **PumpFun AMM Liquidity Actions** plugin merged into the public `solana-agent-kit` repo.

Technical Skills

Languages: TypeScript, JavaScript, Rust, SQL

Solana: Anchor, Pinocchio, SPL Token / Token-2022, Metaplex, Transfer Hooks, PDAs, Compute-Budget Optimization, Priority Fees, Helius (Enhanced APIs, Sender, Webhooks, Laserstream), Yellowstone gRPC, Jito MEV, Jupiter Swap, DFlow
Solana Programs Built: Vaults, Escrows, AMMs (constant-product, Meteora-style), Flash Loans, Staking, NFT Marketplace, Order Books, Revenue-Splitting (Fraction)

EVM and Cross-Chain: Hyperliquid SDK, Relay Bridge, Alchemy multi-network RPC, viem, ethers, multi-chain signers

Backend: Node.js, Express.js, Temporal Workflows, Prisma ORM, Drizzle ORM, PostgreSQL, Redis (Pub/Sub, Streams, Consumer Groups), NoSQL, VM2 sandboxing

Realtime and Streaming: WebSockets, gRPC (Yellowstone), Redis Streams + Consumer Groups for horizontal scaling, subscription-state diffing, cooldown and dedupe patterns

Data and Indexing: Yellowstone gRPC indexing, Parquet ingestion, ClickHouse tenant isolation, Zod schema-driven APIs, structured transaction extraction

Infra and Tooling: pnpm Workspaces with Turbo monorepo, Docker, GitHub Actions CI, Infisical secrets, CodeRabbit and Codex automated code review

Protocols Integrated: Hyperliquid, Phoenix, Drift, Bulk.trade, Meteora (DLMM, DAMM v2), Kamino, PumpFun, Orca, Raydium, Sanctum, Lulo, Loopscale, Exponent, Relay, DFlow, Jupiter Earn, Kalshi, Polymarket, Birdeye, DefiLlama, Rugcheck, Elfa AI, Helius, Alchemy

Communities: Superteam (Summer Fellow 2025), Blueshift

Achievements

Superdev Fellowship: Solana & Superteam

2025

One of ~20 graduates out of 1500 applicants; awarded \$2,500 stipend