Reuben Rapose

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PROFILE

Senior full-stack and design engineer with **6 years** working closely with founders to shape ideas, prototype quickly, and build production-ready products. At Trepa, I owned product and frontend engineering end to end. My core stack is TypeScript, React, Next.js, Tailwind CSS, and PostgreSQL. Proficient in building real-time charting experiences with Canvas rendering and WebSocket data streams.

EXPERIENCE

Founding Engineer, Product & Design
Oct 2025 – Aug 2026

Trepa — *United States (Remote)*

- Owned zero-to-one product and frontend engineering across **2 mainnet releases** for Trepa, a Solana precision prediction market that processed **85K+ predictions** and **240K+ transactions**.
- Conducted user interviews and built coded prototypes to test unfamiliar interaction patterns, using the findings to guide product and design iterations.
- Designed a **gamified, full-screen mobile flow** that kept live prices, prediction entry, results, and payout animations on one chart-first screen.
- Built a real-time charting layer by extending **TradingView's Lightweight Charts with custom Canvas primitives** for live prices, draggable forecasts, a payout curve showing returns across outcomes, and a crowd curve that updated as predictions arrived.

Tech Lead
Aug 2024 – Jul 2025

Wanderlust — *Tokyo, Japan (Remote + On-site)*

- Led a distributed engineering team delivering end-to-end, full-stack AI/ML products for **8 enterprise clients**, contributing hands-on development while owning project scoping, stakeholder communication, and cloud deployment across AWS, GCP, and Azure.
- Built a speech-to-text platform for a major Japanese transport company, processing **2,000+ audio hours** through an inline review workflow that reused corrections to power a **self-improving AI transcription loop**.
- Built an AI-powered Japanese learning app for **SoftBank**, combining an animated tutor, speech synthesis, and server-side content controls to deliver safe, age-appropriate lessons for children.

Independent – Full-Stack Engineer
Jun 2022 – Nov 2024

Selected Projects: NEAT Method, Clear Collectibles, dbrief, LoomFlows — *United States (Remote)*

- Built NEAT Method's e-commerce storefront from zero to one, supporting its growth to **$10M+ ARR**.
- Built Clear Collectibles' frontend with **complex 3D graphics and interaction-heavy animations**.
- Led development of dbrief and LoomFlows, two B2B SaaS products built for a micro-VC fund.

Co-founder
Jan 2021 – Apr 2022

Destro.ai and Practitionr — *Mumbai, India*

- Co-founded Practitionr, a self-serve practice-management platform for wellness practitioners, and built a profitable services business by turning in-house web-development and marketing capabilities into client services.
- Owned product and engineering end to end, from customer discovery and architecture through hands-on development and production delivery, while leading a two-engineer team.
- Pivoted to enterprise software through Destro.ai, then built, sold, and deployed an ERP that unified invoicing, taxation, inventory, and core operations for a major Indian pharmaceutical manufacturer.

Data Science Intern
Apr 2020 – Nov 2020

Jio Creative Labs — *Mumbai, India*

- Designed and developed data products, including Jio Vault, a Python and Dash visual analytics and information management tool, and a sentiment-based Digital Celebrity Ranking Index spanning **3 social platforms**.
- Built augmented-reality marketing experiences using Spark AR and Unity for jewelry and consumer brands.

SKILLS AND RECOGNITION

Frontend: Figma, TypeScript, React, Next.js, Tailwind CSS, TanStack Query, Zustand

Charting and Rendering: TradingView/Lightweight Charts, HTML Canvas, WebSockets, Framer Motion, Three.js

Backend and Cloud: Node.js, NestJS, PostgreSQL, Python, AWS, GCP, Azure

Recognition: Top 20, Solana Fellowship | Solana x402 Hackathon Winner (Triton) | Startup Village Residency

TEACHING

Visiting Lecturer – Introduction to Modern App Development
Jul 2025 – Nov 2025

NMIMS University — *Mumbai, India*

- Designed, taught, and graded a semester course in full-stack development for third-year engineering students, covering React, Next.js, REST APIs, PostgreSQL and ORMs, and cloud deployment.

Workshop Instructor
Feb 2020

Google Developer Student Club — *Mumbai, India*

- Designed and taught a six-hour workshop in data analysis and machine learning, covering Pandas, statistics, regression, K-means, random forests, and model evaluation.

EDUCATION

Bachelor of Technology (B.Tech.) in Data Science
2017 – 2021

Mukesh Patel School of Technology Management & Engineering — *Mumbai, India*