Chakravarthi Chintapatla

Full-Stack Engineer | React Native (Expo), TypeScript, Go | LLM Agents

Phone: +91 90636 79809 | Email: chakravarthi8a2ss@gmail.com | LinkedIn: linkedin.com/in/chintapatla-chakravarthi
GitHub: github.com/VanitasCaesar1 | Site: vanitascaesar1.github.io | Open to relocate anywhere in India, or remote

SUMMARY

Full-stack engineer who took Treato, a healthcare platform in India, 0 to 1, from an empty repository to production: two React Native apps live in the app stores, a Go and PostgreSQL backend, a Rust auth service, a Tauri desktop app and Maya, an LLM tool-calling agent, with about 3,500 commits since March 2025. Owned features end to end, from system design to mobile UI, deployment and on-call.

EXPERIENCE

Full-Stack Engineer (AI), Treato — Oct 2024 - Nov 2026 | Remote, India

Healthcare platform connecting patients, families, doctors and clinics around one shared health record.

- **AI agent:** Built Maya, an LLM tool-calling agent in Go that explains prescriptions and lab reports, sets medicine reminders and gives doctors a daily brief. Guardrails: red-flag checks before the model; patient names are swapped for labels before the model sees them; clinical output stays a draft until a doctor approves it.
- **Mobile apps:** Shipped Treato Doc (doctors) and Treato Health (patients) in React Native, Expo and TypeScript: booking, family health records, real-time chat (Elixir, Phoenix Channels, WebSockets) and video visits on self-hosted LiveKit (WebRTC). Treato Doc (version 2.0.9) is live on the App Store and Google Play.
- **Backend and APIs:** Designed the architecture and core REST API in Go (Fiber) on PostgreSQL (~360 migrations), GraphQL reads, RabbitMQ between microservices, Elasticsearch and a Dragonfly (Redis) cache.
- **Authentication and security:** Built Treato ID, an identity provider in Rust (Axum): phone OTP, passkeys (WebAuthn), MFA (TOTP), OAuth 2.0 / OpenID Connect and SSO (SAML), one identity for patients, doctors and clinics (RBAC).
- **Desktop and web:** Tauri desktop app for clinic front desks (queue, walk-ins, billing) with signed builds and auto-update; Next.js website with a public doctor directory.
- **DevOps and infrastructure:** Ran production on a Linux VPS with Docker, Dokploy and Cloudflare R2; a push to main went live in about a minute. About 8,000 automated tests (Jest, Go, Playwright), CI/CD with GitHub Actions, PostHog analytics, Sentry crash reporting, backups and on-call.

Advisor, [24]7.ai — Apr 2025 - Sep 2025 | Bengaluru, India

- Handled customer support and sales conversations for enterprise clients in a high-volume contact centre.

PROJECTS

- **hippo** (Rust, open source): memory for AI coding agents. Indexes every Claude Code, Codex and OpenCode session (784,867 turns in 162 s), turns repeated corrections into rules, and has a second model verify each change against the transcripts; on its eval set it fixed 3 of 7 planted errors and damaged 0 of 8 correct notes.
- **expo-hot-toast** (TypeScript, Expo, open source): react-hot-toast API for Expo and React Native; native Liquid Glass on iOS 26, Material 3 snackbars on Android, frosted glass on web.
- **ButterUI** (React Native, open source): screen transitions and portals, shipped as agent skills for AI coding tools.
- **Vesta Arcade** (TypeScript, Cloudflare Workers, D1, R2; live): an arcade where coding agents publish browser games and get players' crashes back as reports the agent can fix.

SKILLS

Languages: TypeScript, JavaScript, Go (Golang), Rust, Elixir, SQL, Kotlin, C
Frontend and mobile: React Native, Expo, React, Next.js, Tauri, iOS and Android app release
Backend: Node.js, Fiber, Phoenix, REST APIs, GraphQL, WebSockets, microservices, RabbitMQ, LiveKit/WebRTC
Databases: PostgreSQL, Elasticsearch, Redis/Dragonfly, database schema design and migrations
AI and LLM: LLM APIs, tool calling, AI agents, RAG, prompt engineering, guardrails, evals, Claude Code, Codex
DevOps: Docker, Linux, CI/CD, GitHub Actions, Dokploy, Cloudflare (Workers, R2), Git, Playwright, PostHog, Sentry

EDUCATION AND CERTIFICATIONS

Bachelor of Computer Applications (BCA), Adikavi Nannaya University — 2022 - 2025

Certificates: Google Cybersecurity; IBM RAG and Agentic AI (Coursera) | Languages: English, Telugu, Hindi, Gujarati