

Satya Rohith Gannamanedi

Software Engineer, Deno Land Inc.

me@satyarohith.com | github.com/satyrohith | linkedin.com/in/satyrohith

Summary

Software engineer focused on multi-tenant serverless infrastructure and control-plane systems, with hands-on experience building orchestration, metering and billing, and edge reliability features end to end. At Deno Land, I work across Rust and TypeScript services to improve performance and reliability, debug production issues, and ship capabilities for enterprise and self-serve customers.

Experience

Deno Land Inc

Software Engineer, Jan 2021 – Present

- Early employee and core contributor to Deno Deploy; moved from docs/examples to core systems including runner, edge proxy, control plane, and internal services serving billions of requests a month.
- Implemented usage metering and billing with Stripe + ClickHouse for Deno Deploy, then Orb for the NextGen platform processing millions of events a week.
- Built orchestration controls for workloads, including org-level suspend/resume, concurrency limits, and plan-based runtime limits.
- Improved reliability by fixing OOM and panic paths, tightening quota/rate-limit behavior, and hardening failure handling in control-plane services.
- Improved edge routing and observability with safer proxy behavior, better response metrics, and cutover-ready traffic controls.
- Implemented product analytics using Mixpanel throughout Deno products.
- Expanded Node.js runtime compatibility in Deno (worker_threads, HTTP/2, Unix sockets, TLS/ALPN) and shipped performance work such as 5x faster UUID generation. (Public repo: [denoland/deno](https://github.com/denoland/deno))
- Worked with enterprise customers on feature delivery and issue resolution; built internal tooling to speed support response, including phishing-site blocking.

Nimbella Inc

Software Engineer, Dec 2019 – Dec 2020

- Built chat-driven cloud operations tooling for AWS, DigitalOcean, Kubernetes, and GitHub from Slack and Mattermost. (Public repo: [nimbella/command-sets](https://github.com/nimbella/command-sets))
- Prototyped a multi-tenant Redis service to support isolated tenant workloads and reduce cost/resource utilization at scale.
- Built and published a Netlify build plugin with parallel function deploys, selective environment propagation, and production-grade failure handling. (Public repo: [nimbella/netlify-plugin-nimbella](https://github.com/nimbella/netlify-plugin-nimbella))

Open Source

Contributor, Apr 2018 – Nov 2019

- Contributed to Deno and widely used TypeScript packages; built developer tools and CLI workflows for cloud/serverless projects. (Public repos: [denoland/deno](https://github.com/denoland/deno), [denoland/std](https://github.com/denoland/std), [satyarohith/shark](https://github.com/satyrohith/shark), [satyarohith/sift](https://github.com/satyrohith/sift))

Skills

Languages Rust, TypeScript, JavaScript, SQL

Billing & Data Stripe, Orb, ClickHouse, PostgreSQL, SQLite

Infrastructure Kubernetes, Terraform, GCP (GKE, Cloud SQL, GCS), AWS, Docker, Linux systems

Observability Grafana, OpenTelemetry, Mixpanel