

SREERAM GANESAN

Founding Engineer · 0→1 AI Products · Full-Stack & Infrastructure

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SUMMARY

Founding AI at Jaunt and a 12-year builder who takes systems from zero to production. I built the company's **flagship experiential-navigation product from scratch** — guided, narrated journeys through cities like New York and London, now the core product the company is pivoting to — plus the hybrid multi-agent engine, visual-intelligence, POI knowledge-graph, observability, and telemetry systems around it. I move across the whole stack — Python, Go, AWS, data, vision, and internal UIs — prototyping fast, then hardening and documenting what I ship. I do my best work where the system doesn't exist yet.

EXPERIENCE

Jaunt — Founding AI

Bangalore (Remote) · 2026 – Present

First AI/engineering hire — built the flagship product and all its AI, vision, data, and infra from the ground up.

- Built the company's **flagship experiential-navigation product from scratch** — now the core product the company is pivoting to — guided, narrated journeys across a city (H3 indexing, real-time routing, waypoint reasoning), aimed at metros like New York and London.
- Built a **hybrid multi-agent engine** generating grounded navigation stories and cues at scale (~19K waypoints), served to the live app — plus **agentd**, an async daemon that runs, checkpoints, and rate-limit-pauses fleets of LLM/coding agents (75-test suite, one-command install).
- Built a **visual-intelligence system** (open-source VLM — ByteDance UI-TARS — + LLM) that refines POI **physical coordinates** from street imagery, improving last-mile accuracy of where each story is delivered.
- Built the **POI knowledge-graph / RAG data foundation** (“Jaunt points”) — agentic multi-source ingestion (incl. NYC civic datasets), entity resolution, semantic dedup — the ground truth the product runs on.
- Built an **agentic boundary-identification layer** (open boundary datasets + visual intelligence) that resolves the true boundary of popular places at **89% clean-polygon accuracy, zero misses** — productionized as a durable package.
- Built the surrounding infra: **jaunt_otel** GenAI observability + per-provider cost on AWS, and an **event-driven telemetry engine in Go** (Lambda → partitioned Parquet on S3). Ship production code daily with coding agents (Claude Code) in a real codebase.

Diligenta — Tech Lead II

Edinburgh, UK · 2024 – 2026

- Architected an AI-agentic research engine (Llama-3 + vector-grounded search + human-in-the-loop), lifting factual-accuracy audits **88% → 97%**; built hybrid FAISS + BM25 retrieval with Reciprocal Rank Fusion.
- Designed a unified customer entity graph + H3 identity-conflation pipeline (**95%+ precision**); centralized IAM into a modern API-gateway layer and led a cross-functional team.

Diligenta — Tech Lead I

Edinburgh, UK · 2022 – 2024

- Shipped a DocuSign eSignature workflow (–50% advisor turnaround) and Apple/Google Pay (+10% adoption); built a secure URL-shortener microservice **in under a week**; implemented adaptive MFA (RFC-6238); led Layer7→AWS gateway migration.

Tata Consultancy Services — Senior Engineer & R&D Engineer

India · 2016 – 2022

- Built a full SSO/OAuth/OIDC platform (Forgerock); migrated core infra AWS ECS → Azure AKS; built a WebSocket messaging server handling **40M+ messages/day**; shipped an AI mentor–mentee recommender (+30% match success).

Advisory Board Company — Associate Engineer

Chennai, India · 2014 – 2016

- Built HMAC-based service-auth libraries and an extensible webhook framework for cross-system communication and CI/CD triggers.

SKILLS

Languages: Python, Go, Java

AI / LLM: agentic & multi-agent systems, RAG & grounding, visual intelligence (VLM + LLM), knowledge graphs, guardrails & evaluation, coding-agent workflows in production (Claude Code)

Backend: REST/gRPC APIs, event-driven pipelines, Postgres/PostGIS, DuckDB, Parquet, Redis

Cloud / Infra: AWS (Lambda, S3, ECS, API Gateway, RDS), Terraform, Kubernetes, IaC, CI/CD

Frontend / Ops: internal dashboards & interactive map UIs (SQLite-backed), Astro, Tailwind

Geospatial / Vision: H3, real-time routing, OSM/Overture, street-view VLM, satellite-imagery judging

EDUCATION & CERTIFICATIONS

B.Tech, Computer Science & Engineering — Amrita School of Engineering

2010 – 2014

Certifications: Google Generative AI Leader · Kubernetes & Cloud Native Associate (KCNA) · AWS Certified Cloud Practitioner