Senior Consulting Engineer — Technical Generalist

Clinamen LLC · Public-Sector Data, Cloud, & Geospatial Professional Services · Remote

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About us

Clinamen is a deliberately small, public-sector data and cloud professional services and consulting firm. We build serious things — real-time wildlife tracking platforms, geospatial analysis tools, data pipelines and analytical infrastructure — mostly on Google Cloud, mostly for state agencies working in wildlife and natural-resource management and transportation.

The name is a bit of a mission statement. The *clinamen* is Lucretius's word for the swerve — the small, unpredictable deviation that lets atoms collide into something new instead of falling forever in a straight, deterministic line. That is more or less our entire theory of the business: value comes from the people who don't fall neatly into a lane, who deviate productively, who see the whole board rather than one square of it, and who value autonomy over direction.

We intend to stay small (at or under twenty-five people) and to run like a startup in perpetuity — high trust, high autonomy, low ceremony, no sprawling org chart to hide inside of.

Who we're looking for

We are looking for a senior **generalist** — an autodidact with real professional mileage who is genuinely un-bothered by not knowing something yet, because they know they'll learn it. You are not defined by a stack. You've picked up whatever the work required, more than once, and you enjoyed it. You can go into the weeds to design and *build* a solution, and then come up for air to sit across the table from a client and explain it in plain English.

Concretely, the person who thrives here:

- **Wears all the hats and likes it.** In a given month you might architect a system, write the code, wrangle a gnarly data-migration, stand up the infrastructure, build a dashboard, and walk a client's leadership through the result. Variety is the appeal, not the tax
- **Runs without being run.** You can own an engagement end-to-end without being managed into it. Ambiguity is a starting condition you're comfortable with, not a blocker you escalate
- **Upskills fast and on your own.** New language, new framework, new domain — you close the gap yourself and quickly

- **Communicates like a professional adult.** Excellent written and spoken English, and the kind of client-facing presence that builds trust and brings the next project in the door
- **Juggles.** You can hold multiple concurrent engagements in your head and context-switch cleanly between them

What you'll actually do

- Co-own engagements from discovery and solution design through build, delivery, and ongoing support
- Move fluidly across the stack — cloud infrastructure, data pipelines, application development, analytics and reporting, and the occasional slide deck
- Sit directly with public-sector clients: run design and discovery sessions, translate business needs into technical ones (and back), and keep the relationship healthy
- Help shape Clinamen itself. As an early hire you'll influence how we work, what we build, and who we hire next

What we need (must-haves)

We care about demonstrated *depth in a category*, not about a specific tool — a strong Java engineer will pick up Scala without breaking stride, and we assume the same crossover everywhere. So read the parenthetical examples as illustrations, not checklists.

- **Senior-level professional experience** across full-stack, hands-on delivery — you can sling it, not just review it
- **A general-purpose backend language** you're genuinely fluent in, plus the range to pick up others (Python especially welcome as our data lingua franca; strong experience in a typed/compiled family like Java, Kotlin, Scala, C#, or Go transfers fine)
- **Modern web front-end** chops in some single-page framework and the fundamentals underneath it (Angular, React, or Vue; JS/TS, HTML, CSS)
- **Real SQL and data fluency** — strong SQL plus a working understanding of analytical/columnar (OLAP) data stores and sound data modeling (BigQuery ideal; Snowflake, Redshift, or similar all count)
- **Cloud-native experience** on a major provider, and the ability to be productive on GCP quickly (GCP ideal; AWS or Azure fine if you can cross over)
- **Self-direction, ownership, and comfort with ambiguity** — the startup temperament described above

Nice-to-haves (not deal-breakers)

- Google **Professional Cloud Architect** certification, or the appetite to earn it
- A **software-architecture / solution-design** background
- **Machine learning and data science** — and not only modern LLM plumbing; classical ML is genuinely valued here

- **Public-sector experience**, and/or domain exposure to wildlife, natural resources, or transportation
- **Geospatial / GIS** familiarity — spatial SQL, ArcGIS/ESRI, mapping stacks. A meaningful chunk of our work lives here
- Any history of **mentoring or tech-leading** small teams. Not required — but there's room to grow into it here
- **DevOps / IaC / CI-CD** comfort

Who probably *won't* be happy here

In the spirit of not wasting anyone's time: this role is a poor fit for someone who wants a single narrow specialty and a tidy ticket queue, who prefers a large org to be one cog within, or who disengages the moment the work drifts outside their comfort zone. We're hiring for the swerve, not the straight line.