

Rahul Garg

Senior Software Engineer — Agentic AI, RL Environments & Cloud Infrastructure

rahulgarg7042@gmail.com | +91-

7042798416

Delhi NCR, India

rahulgarg.ai · github.com/conan505 ·

[LinkedIn](#)

EXPERIENCE

US-based AI Lab (under NDA) — Senior Task Developer (Contract) Remote · Dec 2025 – Present

- Design **agentic DevOps tasks, RL environments, and evaluation rubrics** for frontier-model post-training in simulated infrastructure scenarios.
- Build **Dockerized, reproducible environments** with hidden test-based **verifiers**, difficulty tiers, and reward-hacking-resistant grading.
- Recognized as a **top performer among 100+ contractors** for building high-throughput, high-rigor tasks.

Tessell — SDE III Bangalore · Dec 2022 – Feb 2026

Tessell Product on GCP (0 → 1)

- Built the company's **cloud-native DBaaS platform from scratch** on Google Cloud.
- Redesigned the **control plane**, reducing infrastructure management overhead by **90%**.
- Optimized workflows with GCP Cloud Functions & Workflows, cutting execution times by **40%**; replaced polling with WebSockets, improving responsiveness **3x**.
- Developed high-performance microservices in **Go and Java** (Quarkus, GraalVM) with full-stack observability.

Internal Operations Platform on AWS (0 → 1)

- Built the internal ops platform empowering SRE teams to manage production support; cut platform cost to **~\$4/day** by moving Kubernetes → serverless (Lambda, SQS, MongoDB).
- Developed a **PgSync** system replicating data from Postgres to MongoDB.

Standard Chartered Bank — SDE I Bangalore · Jul 2021 – Nov 2022

- Built a Blockchain platform on Hyperledger Fabric 2.3x, deployed on Kubernetes.

SELECTED PUBLIC WORK

DevOps Gym — Dockerized, verifier-graded DevOps tasks for training AI agents: broken CI pipelines, failing K8s deployments, crashing services. github.com/conan505/devops-gym

K8s Debug Evals — reproducible harness evaluating frontier models on Kubernetes debugging: pass@1 scoring, failure taxonomy, reward-hacking-resistant verifiers. github.com/conan505/k8s-debug-evals

Earlier: HybridRAG (cost-routed enterprise search), K8s Job Scheduler (Go), Vector DB from scratch (Python).

SUMMARY

Senior infrastructure engineer (5+ yrs, GCP/AWS) turned **agentic-task specialist**: I build the Dockerized environments, verifiable graders, and DevOps-domain tasks that frontier models are post-trained on. Employee of the Year and twice fast-track promoted. Available for contracts via **Ananta Systems**.

SKILLS

Agentic AI: task & environment design, eval rubrics & verifiers, RLHF/RLVR workflows, Docker sandboxing, MCP, Playwright

LLM Systems: RAG, vector DBs, embeddings, reranking, vLLM, KV-cache optimization, LangChain/LangGraph

Languages: Go, Python, Java, C++

Cloud: AWS & GCP (compute, storage, networking, monitoring)

Infra: Kubernetes, Docker, Terraform; distributed systems, microservices

Databases: Postgres, MongoDB, DynamoDB, Firestore, Elasticsearch

EDUCATION

IIT Roorkee — B.Tech, Chemical Engg + Mathematics (2021)

AWARDS

Top contractor @ US-based AI lab — among 100+ contractors, for high-throughput task building.

Employee of the Year @ Tessell (Dec 2023) — recognized by the CEO.

Skip-level promotion (Mar 2024) — within one year at Tessell; **second promotion** Mar 2025.

5-star rating (2024) — only engineer among 80+ to receive the highest rating.

Top 0.1% nationwide in Chemistry (2017).

CERTIFICATIONS

AZ-900 — Microsoft Azure Fundamentals