UNBOUNDED TECHNOLOGIES INC.

CAPABILITY STATEMENT

Senior cloud and CPaaS engineering for enterprises that can't afford to fail.

SAID AISSANI
SENIOR CLOUD ARCHITECT
TORONTO, CANADA

GENERATED MAY 2026

Senior cloud architecture, built to last.

I'm Saïd Aïssani. I've spent the last ten years architecting and shipping cloud systems for enterprises that can't afford to fail. The work has run from greenfield serverless platforms at AWS Toronto, to a Forex referential at Renault Group serving over four billion API calls a month, to a two-year engagement with Bank of Montreal on cloud infrastructure. Earlier engagements include Melty (a 5.6M EUR media platform) and ETBA Construction, where an ERP modernization cut procurement time by 35 percent.

Unbounded Technologies Inc. exists so that work happens through one professional structure. A Canadian incorporated firm, written contracts, real insurance, and a senior architect on the other side of the table. No staffing-agency layers, no role ambiguity, no hidden costs. The point is to make senior cloud and CPaaS engineering available to the kind of clients who buy it the way they buy any other engineering service: scoped, signed, insured, and accountable.

Operating model

01 Unbounded Technologies Inc. is a Canadian incorporated engineering firm (Ontario).

02 We operate with multiple concurrent enterprise clients including AWS, Renault Group, and Bank of Montreal.

03 Engagements are governed by Master Service Agreement plus per-project Statement of Work.

04 We carry $2M Errors & Omissions and $5M General Liability insurance.

05 We provide our own equipment, tools, and software licenses.

06 Languages of work: English, French (Native), Spanish, Arabic.

By the numbers

10+

YEARS ENGINEERING EXPERIENCE

4B+

API CALLS / MONTH AT PEAK

4

LANGUAGES OF WORK

3+

ACTIVE ENTERPRISE ENGAGEMENTS

SELECTED WORK / 01

Lead AWS Developer at Bank of Montreal

CLIENT

Bank of Montreal (via S.i Systems)

YEARS

2026 - present

ROLE

Lead AWS Developer (Contract)

STACK

`AWS` `internal platform tooling`

PROBLEM

This is an active enterprise engagement under non-disclosure. Public details are kept respectful and minimal: the work happens inside BMO's environment, under BMO's standards, and is not described publicly beyond what is on this page.

APPROACH

The work is senior lead AWS developer inside an enterprise environment: architectural reviews, cloud governance, and resilience improvements that fit within BMO's existing standards rather than imposing a new playbook on top of them. Decisions are made with the bank's risk, audit, and operating model in mind first.

OUTCOME

The engagement is ongoing, and specific outcomes are confidential. The contract is governed by S.i Systems and runs through 2026.

Amazon Connect IVR + Pinpoint at AWS Toronto

CLIENT

AWS Toronto

YEARS

2024 - present

ROLE

CPaaS / Cloud Architect

STACK

Amazon Connect | Lambda | API Gateway | SNS | SQS | Pinpoint

PROBLEM

Real-time IVR and outbound messaging at AWS scale: every customer interaction has to route, branch, and reply within hundreds of milliseconds, while the same platform feeds CRM, analytics, and engagement systems downstream. The integration surface is multi-runtime by design (Node, Python, Java) and has to keep behaving when one of those runtimes wobbles.

APPROACH

The architecture is event-driven from end to end. API Gateway fans into Lambda, which orchestrates Amazon Connect for voice and Pinpoint for outbound messaging. SNS and SQS sit between the moving parts, decoupling producers from consumers so a slow consumer never backs up a hot path. Production-grade observability, structured logging, and graceful shutdown ship as first-class concerns.

OUTCOME

Real-time call routing and customer engagement now run at AWS scale, with a multi-runtime Lambda fleet shipping under one operational standard. The platform is built so a runtime upgrade in one corner of the system does not pull on the others, and incidents in third-party CRM or engagement endpoints are absorbed by the queue layer rather than surfaced to the caller.

4 billion API calls / month, ranked #1 in Renault's DataLake

CLIENT

Renault Group

YEARS

2020 - 2023

ROLE

Data Architecture Lead

STACK

GCP AWS Java Spring Boot API Gateway

PROBLEM

More than 2,500 internal clients across the Renault-Nissan-Mitsubishi alliance were each pulling foreign-exchange rates from independent pipelines. Data drifted between teams, costs duplicated across business units, and downstream reporting slowed under the weight of inconsistent reference values. The group needed one source of truth that every application could trust.

APPROACH

We built a centralized FX referential service on a hybrid GCP + AWS footprint, with API Gateway in front and Java / Spring Boot workers behind. Cross-cloud architecture standards kept the runtime portable, while observability, retry semantics, and contract tests protected the interface every consumer relied on.

OUTCOME

The service settled at over 4 billion API calls per month with p95 latency under 100 ms, and earned the #1 ranked position in Renault's DataLake by usage. Across a three-year lifecycle it ran with zero data-loss incidents, and its contract became the canonical reference for FX inside the alliance.

OUTCOME CALLOUTS

4B+

API calls / month

Ranked #1 in Renault's DataLake

p95 < 100ms

production latency

Hybrid GCP + AWS, 3-year stability

0

data-loss incidents

3 years of continuous operation

35% faster procurement at ETBA Construction

CLIENT

ETBA Construction

YEARS

2019

ROLE

Full-stack Engineer

STACK

React · Spring Boot · PostgreSQL · AWS

PROBLEM

Procurement and inventory at ETBA were spread across spreadsheets and a handful of legacy tools that never quite agreed with each other. Approval cycles dragged because no one had the same view of an order's state. Reconciliation was a recurring tax: hours spent every week proving that two systems told the same story, and they often did not.

APPROACH

We modernized the ERP into a single workflow: a React front-end on top of a Spring Boot back-end, with PostgreSQL on AWS as the only source of truth. A workflow engine took over approvals, with audit trail by design rather than as an afterthought. Inventory, purchasing, and finance shared the same underlying entities, so reports stopped contradicting each other.

OUTCOME

Procurement cycle time dropped by 35% once the new platform was the only path. Errors that used to take days to track across spreadsheets now surfaced in hours, with a clear audit trail to whichever step introduced them. The teams stopped reconciling and started using the time for actual procurement work.

OUTCOME CALLOUTS

35%

faster procurement

ERP modernization at ETBA Construction

CONTACT

Get in touch

Engagements run on Master Service Agreement plus per-project Statement of Work, with $2M Errors & Omissions and $5M General Liability insurance. Reach out to start the conversation; we will follow up within one business day.

EMAIL	contact@unboundedtechnologies.com
WEB	unboundedtechnologies.com
OFFICE	Toronto, Ontario, Canada