

Senior Staff Engineer — Full-Stack, Solution Architecture

About the role

Our client is building an AI-centric engineering platform where brands operate as self-reliant, B2B-style customers. You will own product features end-to-end across the full stack — leveraging AI agents to multiply delivery throughput — while architecting robust, highly-available systems on a stable, brand-agnostic platform.

This is a full-time IN-OFFICE position in Toronto.

What you will do

- Own delivery of product features end-to-end: design, build, verify against acceptance criteria, and ship to production.
- Build and operate 3rd-party and B2B integrations on the platform, delivering brand- and customer-specific features on top of a shared core.
- Use AI coding agents and automated verification to accelerate delivery, working within engineering quality gates and independent review.
- Set technical patterns and unblock yourself and others across a fast-moving, multi-workstream environment.

Must-haves — technical

- **Full-stack, production-grade.** Senior/staff experience building software end-to-end: .NET / C# REST APIs and Next.js / React front-ends with server-side rendering and real-time streaming (Server-Sent Events).
- **Architecture at scale.** Proven design and operation of highly-available, high-throughput systems.
- **Data.** Hands-on with MongoDB, Redis (sessions, caching, sorted-set/leaderboard patterns) and PostgreSQL; chooses the right store per workload.
- **Event-driven systems.** Building producers/consumers on an event hub / Apache Kafka; event-schema design and real-time aggregations.
- **3rd-party and B2B integrations.** Designing and delivering integrations against external and game-provider APIs, and building brand-/customer-specific capabilities on a stable, brand-agnostic platform.
- **API security.** OAuth-based auth, request signing (HMAC), idempotency, replay protection, and audit logging.
- **AI-assisted delivery.** Demonstrated use of AI coding agents/tooling to multiply throughput, and fluency working within automated verification (testing against acceptance criteria, regression, edge cases).
- **Hands-on production monitoring.** Operating production monitoring and issue triage (Sentry or equivalent); treats observability and CI/CD as part of “done.”

Must-haves — delivery & ownership

- Proven track record of delivering robust solutions within tight, fixed timeframes — quality and speed together, not one at the expense of the other.
- Handles competing priorities across multiple workstreams without dropping commitments.
- End-to-end ownership of deliverables, from an ambiguous problem statement through to production.
- A can-do operator who embraces uncertainty and figures things out as they go — self-sufficient, decisive with incomplete information, and escalates judiciously rather than by default.

Benefits

- Exposure to cutting-edge AI and automation technology that is actively transforming how marketing and operations are run at scale
- Genuinely interesting projects with modern tooling, and the freedom to bring your own ideas to the table
- A collaborative, high-performance culture where ambition, accountability, and innovation are valued and rewarded
- Clear paths for development, progression, and advancement as the business scales
- A competitive salary plus discretionary bonus
- Comprehensive health benefits, including extended healthcare, dental, and vision coverage.
- On-site leisure facilities to switch off and recharge during the day.
- Fantastic company events
- On-site leisure facilities and on-site parking