

Santiago Elustondo

****Technical Lead / Senior Full Stack Architect****

Toronto, ON · On-Site / Hybrid / Remote

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Hands-on Technical Lead with 10+ years delivering ****enterprise-scale modernization initiatives**** across frontend, backend, and cloud platforms. Proven record leading architecture for ****TypeScript/Node.js/React systems****, decomposing monolithic workflows into ****API-driven, event-oriented services****, and guiding teams through complex re-platforming efforts. Experienced in Azure- and AWS-style cloud architectures, identity and security boundaries, observability, and production-grade delivery in regulated environments.

Core Technical Competencies

****Languages & Frameworks****

TypeScript, JavaScript, Node.js, React, Angular, JVM-adjacent services

****Cloud & Platform Engineering****

Azure (App Service patterns, Functions-style compute, Service Bus/Event Grid equivalents, APIM concepts, Application Insights/APM), AWS/GCP exposure, Terraform, Docker, Kubernetes

****Backend & Integration Architecture****

REST APIs, microservices, event-driven systems, pub/sub, integration layers, API gateways

****Data & State****

Azure SQL/PostgreSQL, MongoDB, Redis, NoSQL modeling, reporting and read-model design

****Security & Identity****

OAuth2, JWT, SSO, enterprise identity integration (Azure AD / Entra ID-style systems), secure boundary design

****Delivery & Leadership****

Architecture governance, design reviews, Agile delivery, CI/CD, production incident ownership, mentoring

Professional Experience

Blast Engine Inc. (Consulting)

****Founder / Technical Consultant****

Jan 2024 - Present

Senior consultant supporting ****enterprise modernization and stabilization initiatives****, operating as hands-on technical lead across backend services, identity, data modeling, and frontend integration.

- * Led re-platforming efforts for ****multi-tenant enterprise systems****, translating legacy assumptions into explicit architectural constraints enforced at API and data boundaries.
- * Designed and implemented ****Node.js service layers**** integrating with Azure-hosted infrastructure (Redis, PostgreSQL, identity providers), formalizing contracts and error semantics.
- * Delivered ****SSO integrations (Azure AD-style OAuth/SAML)****, working directly with enterprise IT and security stakeholders to document token flows, refresh semantics, and failure handling.
- * Built ingestion and integration services consuming external feeds, enforcing idempotency, validation, and domain normalization.
- * Produced architecture documentation and onboarding materials to reduce key-person dependency and support internal team scaling.

Rangle.io

****Technical Director, DevEx Lead****

Nov 2022 - Dec 2023

Senior technical leader responsible for ****engineering quality, architectural standards, and developer experience**** across multiple enterprise client engagements.

- * Led and mentored ~10 engineers (senior, intermediate, and transitioning QA), setting technical direction and growth plans.
- * Served as escalation point for complex frontend and full-stack issues involving performance, build systems, and architectural drift.
- * Led modernization initiatives focused on ****bundle optimization, dependency hygiene, and runtime performance****, establishing repeatable diagnostic and remediation workflows.
- * Guided teams building ****React-based platforms**** integrated into larger enterprise ecosystems, emphasizing isolation boundaries, API contracts, and observability.
- * Partnered with product, UX, and client stakeholders to convert unclear or conflicting requirements into implementable technical plans.

Lululemon

****Engineering Lead – Loyalty Platform****

Nov 2021 – Nov 2022

Technical lead for a ****horizontal platform modernization initiative**** delivering loyalty capabilities across a large, federated frontend ecosystem.

- * Led design and delivery of a ****shared loyalty platform**** consumed by checkout, product, search, and account experiences owned by independent teams.
- * Defined architectural patterns for ****safe cross-team integration****: strictly typed component contracts, error boundaries, feature flagging, analytics, and centralized observability.
- * Coordinated design reviews and approvals with security- and compliance-sensitive teams, balancing governance with delivery timelines.
- * Championed modularization of legacy flows into ****reusable, API-backed UI capabilities****, reducing duplication and integration risk.
- * Mentored engineers in scalable React patterns, defensive programming, and production-readiness.

Vaco Toronto

****Director, Technical Solution Delivery / Technical Lead****

Jun 2020 – Nov 2021

Delivery authority combining ****hands-on architecture**** with ****technical governance and escalation ownership**** across enterprise consulting engagements.

- * Led discovery, requirements decomposition, KPI definition, and roadmap planning for complex modernization programs.
- * Architected ****distributed, multi-region systems**** enforcing data residency and compliance constraints through routing and service boundaries rather than UI logic.
- * Designed ****API-driven client/server architectures**** with explicit contracts, shared TypeScript SDKs, and centralized integration logic.
- * Led design of ****event-driven and pub/sub-based messaging systems****, formalizing delivery semantics, encryption boundaries, and traceability.
- * Established release governance, CI discipline, and infrastructure-as-code workflows supporting predictable multi-team delivery.
- * Acted as final escalation point for production issues, conducting root-cause analysis across application, data, and infrastructure layers.

Avanade (Accenture)

****Senior Software Consultant / Technical Lead****

Oct 2018 - Jun 2020

Technical lead on ****large-scale enterprise modernization**** programs across telecom and financial services.

- * Led agile delivery teams (4-6 developers, 2 QA, Scrum Master), owning technical planning, architecture decisions, and stakeholder communication.
- * Designed and implemented ****horizontally scalable Node.js backend services**** supporting consumer-facing platforms integrated with downstream systems and devices.
- * Conducted deep performance audits of large Angular applications, identifying bottlenecks in change detection, state propagation, and rendering pipelines.
- * Re-architected UI systems into ****modular, unidirectional state flows**** with optimized rendering strategies, materially improving responsiveness and stability.
- * Delivered multi-day client training on ****web performance profiling, optimization, and architectural best practices****.

Rangle.io

****Software Developer****

Apr 2017 - Oct 2018

Full-stack consultant contributing to enterprise and open-source initiatives.

- * Core contributor to ****Angular debugging and profiling tooling****, addressing performance, serialization, and runtime behavior at scale.
- * Performed performance audits and remediation for AngularJS and Cordova-based mobile applications, including WebRTC-heavy workflows.
- * Supported enterprise migrations from legacy frontend stacks to modern Angular architectures.