

Simon Kassab

Team Lead | Software Engineer

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Summary

Team lead and full-stack software engineer with 4+ years of experience building enterprise distributed cloud systems at Genetec. Drive product requirements and architectural vision while staying hands-on across .NET microservices, React, and Azure — blending team leadership with customer-facing, product-minded delivery.

Education

Université de Sherbrooke, BEng. in Computer Engineering

Sept 2017 – Dec 2021

Experience

Team Lead, Software Development, Genetec

Jan 2025 – present

Lead a team building a web application for authorized Genetec resellers.

- Lead 4 engineers and own the product's technical and architectural direction.
- Shape product vision and requirements with product managers and key stakeholders.
- Deliver key features including a dedicated newsfeed, cloud resource consumption tracking, and secure access to system data

Software Developer, Genetec

Jan 2022 – Dec 2024

Built the CRM-to-cloud integration central to an enterprise cloud security suite.

- Automated fulfillment from 2 days to under 10 minutes and scaled throughput from 3 to 30 orders per day.
- Built .NET microservices, event-driven integrations, React frontend, and Azure/Terraform infrastructure.
- Engineered the central authorization layer for cloud tenant user management
- Scaffolded the synthetic testing suite and built the alerting and observability infrastructure used to detect production incidents

Freelance Projects

Powershooter

Technical lead and primary contributor for a Flutter app connected to a Bluetooth hockey training device.

- Built BLE sensor integration, real-time shot tracking, and a Supabase serverless backend.

Kwiko

Technical lead and primary contributor for a React/TypeScript and C#/.NET pharmacy operations platform.

- Designed secure multi-tenant workflows and translated client needs into incremental product delivery.

Skills

Core Technologies: C#, .NET, TypeScript, JavaScript, React, Flutter, Python, Azure, Terraform, Supabase

Architecture & Delivery: Microservices, Event-Driven Architecture, Domain-Driven Design, Tenant-Aware Authorization, CI/CD, Agile/Kanban

Leadership: Team Leadership, Product Requirements, Roadmapping, Stakeholder Collaboration, On-Call & Incident Response

Testing & Quality: Unit, Integration & Synthetic Testing, Automated Test Suites, Threat Modeling

Spoken Languages: French, English