

# PATRICK SAN JUAN

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## SKILLS

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**Languages:** JavaScript/TypeScript, Ruby, HTML, CSS, SQL (PostgreSQL)

**Technologies:** Ruby on Rails, Node.js, React, Kubernetes/Docker, Elasticsearch, AWS/GCP

**Developer Tools:** AI (Claude/Copilot), CI/CD (CircleCI/Jenkins), Datadog, Bugsnag, PagerDuty

## EXPERIENCE

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### Software Engineer (SDE III) — theScore

Sept 2022 – Present

*Toronto, Canada* (Remote)

- Reduced infrastructure cost and improved system scalability by 50% by debugging a memory leak in streaming HTTP connections; identified root cause via Datadog traces and implemented strict network timeouts.
- Reduced content update latency by 60% via optimized caching strategies across Varnish and Cloudflare
- Designed an ingestion pipeline that surfaces trending sports highlights from X directly within the mobile app, boosting in-app engagement.
- Led emergency recovery of content services during X (Twitter) API v1 deprecation; refactored ingestion service for the new API spec in one week to restore availability.
- Led migration of 5 Ruby on Rails microservices from AWS to GCP by writing provider-agnostic abstractions and thorough test suites.
- Owned end-to-end operation, reliability and performance of content services; acted as domain expert and primary contact for on-call production support

### Full Stack Developer — FORM

Jan 2020 – May 2022

*Vancouver, Canada* (Hybrid)

- Designed and implemented backend systems to integrate with App Store, Play Store, and ReCharge subscriptions, handling asynchronous payment events and cross-system state management to unlock FORM's first source of recurring revenue
- Designed and implemented a serverless system in AWS Lambda and Node.js to process user-generated swim data and generate visualizations for in-app and social distribution.
- Awarded FORM's Monthly Life Saver Award for being an approachable and supportive team member.
- Improved developer productivity and CI/CD system performance by 50% through re-architecting Jenkins pipelines with AWS auto-scaling groups
- Hired and mentored six interns (2021–2022); served as primary point of contact for onboarding and weekly 1:1 sessions.

### Full Stack Developer — FORM (Co-op)

Sept 2018 – Apr 2019

*Surrey, Canada*

- Self-taught Vue.js to become the sole developer responsible for updating the admin portal with features to help various engineering teams troubleshoot integration issues.
- Increased automated test coverage (unit/integration) to over 90%. Identified and resolved edge-case defects that improved overall system reliability.

## EDUCATION

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BS Software Systems — Simon Fraser University

2014 – 2020