

Marc Trudel - Senior Fullstack Developer | AI, Data & Cloud

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Summary

I'm a full-stack engineer with 20+ years of experience building SaaS applications, data platforms, and cloud-native systems. Deep expertise in TypeScript, Node.js, React, AWS/GCP, and distributed data pipelines. Focused on reliable systems, data quality, and measurable business impact.

Skills

Frontend: React, Next.js, Tanstack, Typescript, Javascript, Vue.js

Backend : Node.js, Serverless, Ruby, GraphQL

Data: PostgreSQL, MySQL, BigQuery, MongoDB, Looker, Kafka

AI-assisted development: Cursor, GitHub Copilot, Codex

Cloud & DevOps: AWS (Lambda, Step Functions, EC2, API Gateway, RDS, S3), Google Cloud Platform (GCP), Docker, Kubernetes, Helm, Github Actions

Testing: Jest, React Testing Library (RTL), Vitest, Cypress, Playwright

Design & Prototyping: Figma, Jira, Confluence

Experience

SENIOR SOFTWARE DEVELOPER

THE DATA CO, REMOTE (MONTREAL, QUEBEC) – JULY 2025 - JULY 2026

- Developed Node.js/TypeScript services integrating EMR, CRM, and financial systems, saving 10+ hours weekly in manual reporting across 100+ practices.
- Built AI-assisted document-processing workflows extracting itemized data from thousands of financial PDFs daily, automating manual entry and enabling analytics-ready records.
- Implemented LLM-based classification to normalize tens of thousands of records daily from multiple systems, enabling consistent, cross-source analytics for customers.
- Designed validation and error handling for AI extracted financial data, reconciling line items against transaction totals and business rules, achieving over 98% accuracy and reducing downstream rework.

SENIOR SOFTWARE ENGINEER

OFFICESPACE SOFTWARE, REMOTE (ATLANTA, GEORGIA) – SEPTEMBER 2021 - JUNE 2025

- Modernized Rails/React analytics platform, boosting customer retention by 30% and improving upsells through enhanced insights.
- Built and maintained real-time data pipelines using Kafka, Apache Flink, Node.js, and Google Cloud Platform (GCP), improving data freshness by 95%.
- Spearheaded embedded analytics with Looker/BigQuery, delivering actionable client insights and 40% faster query response times.
- Containerized and deployed microservices with Docker/Kubernetes, improving system scalability and reducing deployment time by 60%.
- Fostered cross-team collaboration by mentoring junior developers, leading sprint planning sessions, and facilitating clear communication between product and engineering.

SENIOR DEVELOPER (FULL STACK, FRONT END, FLASH)

REDFRAME, REMOTE (KAILUA-KONA, HAWAII) – JULY 2007- SEPTEMBER 2021

- Led the transition from a Flash-based MVP to a JavaScript application, helping drive 3x user growth.
- Led AWS cloud migration, cutting infrastructure costs by 80% and significantly improving site reliability.
- Designed and implemented backend services using Node.js and AWS Lambda to replace legacy ColdFusion functionality, reducing load times by 50%.
- Migrated legacy internal admin tools to React, significantly improving maintainability, developer efficiency, and user experience.
- Designed and implemented full UI/UX redesign for admin tools and marketing site, increasing trial-to-paid conversions by 25%.
- Collaborated across disciplines to build accessible, semantic front ends using HTML, CSS, and JavaScript—setting new internal standards for code quality and maintainability.
- Developed and maintained data-driven Flash-based websites during the company's early product stage, working closely with designers and backend developers.

Education

McGill University, Montreal, Quebec – Bachelor of Arts

Langara College, Vancouver, British Columbia - Electronic Media Design