

CLINTON JAY RAMONIDA

SENIOR FULL-STACK SOFTWARE ENGINEER

TypeScript · React · Next.js · Node.js

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Senior full-stack engineer with **9 years building production web systems** — five of them at AutoTrader.ca on AutoSync, the automotive SaaS platform serving thousands of Canadian dealerships, working across Vue, Node.js, PHP and MySQL with Redis caching and AWS infrastructure.

Since 2026 I have designed and shipped **two live Next.js sites end to end under a performance budget enforced in CI**: GitHub Actions asserts Lighthouse performance ≥ 95 , LCP under 1.5s and a 260 kB script ceiling on every pull request, and a failing budget blocks the merge.

WORK EXPERIENCE

Founder & Senior Software Engineer

Jan 2026 – Present

DriftPilot · [driftpilot.ca](#)

Product engineering studio building web platforms for small businesses and automotive service companies. Sole engineer.

- **Designed and shipped [driftpilot.ca](#) solo** — 37 prerendered routes on Next.js 16, React 19 and TypeScript, live on Vercel.
- **Made quality non-negotiable at the pipeline, not in code review.** Lighthouse CI asserts performance ≥ 95 , accessibility ≥ 98 and a 260 kB script budget on every pull request; a failing budget blocks the merge, and it caught three defects before release.
- **Built the content layer and the lead pipeline** — typed async accessors against fixed domain contracts, Zod-validated Server Actions and a retrying webhook client.

Selected independent build — Riflessi Auto Care

Jul 2026 – Aug 2026

[riflessiautocare.vercel.app](#)

- **Delivered the site in five weeks by re-theming rather than rebuilding** — new tokens and content against fixed type contracts, no component changes.
- **Cut the hero 3D asset from 19.07 MB to 2.05 MB (89%)** with a purpose-built glTF pipeline, and gated the scene at the dynamic import so low-powered devices never download it.

Senior Software Engineer, Full-Stack

Jan 2020 – Jun 2025

AutoTrader.ca — AutoSync

A leading Canadian automotive marketplace; AutoSync served thousands of dealerships nationwide.

- **Built and shipped production features on AutoSync** across Vue.js, Node.js, PHP, MySQL and REST APIs, on a large shared codebase.
- **Worked in a custom object-oriented PHP architecture built in-house** alongside Vue.js and Node.js services.
- **Implemented and tuned Redis Object Cache Pro** against AWS-hosted Redis — network-level downtime dropped to near zero after rollout.
- Improved deployment reliability through AWS infrastructure and CI/CD pipeline work.
- **Delivered technical SEO where inventory discoverability is the product** — structured data, sitemaps and canonicalisation across dealer sites.
- **Mentored engineers through code review and pair programming** in Agile delivery.

SKILLS

LANGUAGES

TypeScript, JavaScript (ES2023), PHP, Python, SQL

FRONTEND

React 19, Next.js (App Router, Server Components), Vue.js, Tailwind CSS, HTML5, SCSS, design systems and tokens, WCAG accessibility

BACKEND

Node.js, REST APIs, React Server Actions, MySQL, PostgreSQL, Redis, Zod schema validation

CLOUD & DEVOPS

AWS, Vercel, Docker, Cloudflare, GitHub Actions, CI/CD, Core Web Vitals and performance budgets

AI & AUTOMATION

Claude and OpenAI APIs, structured outputs with schema validation, multi-agent pipelines with role-scoped write access, AI-assisted development workflows, prompt engineering, n8n

PRACTICE

Architecture guardrails, decision records, code review, technical SEO, Agile / Scrum, mentoring

WORK EXPERIENCE — CONTINUED

Full-Stack Senior Development Specialist

Nov 2018 – Jan 2020

Convertus (acquired by AutoTrader.ca)

- Developed features for a **WordPress multisite platform serving enterprise automotive clients**, extended with custom object-oriented PHP.
- **Authored the platform's SEO subsystem** — Vehicle and AutoDealer structured data extending Yoast's schema graph, custom inventory sitemaps, and the canonical and meta handling that stops thousands of near-identical vehicle URLs competing with each other.
- **Co-built myGarage**, a cross-site saved-vehicle system on a dedicated AWS RDS store, and the **Node.js service that emailed buyers when a saved vehicle dropped in price**.
- Supported production systems and participated in code review across Agile teams.
- Mentored teammates and worked directly with the automotive clients the platform served.

Programming Teaching Assistant, Full-Stack Development

Jan 2018 – Nov 2018

VFS School of Creative Technologies

- Coached students through debugging, code review and software engineering practice; supported instructors across frontend and backend curriculum.
- Rebuilt the internal grading platform in Vue.js and MySQL, replacing the instructor grading workflow.

Junior Full-Stack Developer

Oct 2016 – Aug 2018

VFS School of Creative Technologies

- Built responsive web applications and internal database-driven platforms in AngularJS, React, Python, PHP and MySQL.
- Improved application performance through profiling and frontend optimization.

SELECTED PROJECTS

Project OS — personal engineering standard

self-authored, applied across my own projects

Defined stack defaults, performance budgets, testing priorities, source-of-truth rules and AI-agent operating constraints for my own projects.

Multi-role AI development pipeline

self-authored build-time tooling — not a shipped end-user feature

Build-time tooling where one role writes and four are report-only, with structured P0 / P1 / P2 findings and human adjudication before changes land.

EDUCATION

VFS School of Creative Technologies

Programming for Games, Web and Mobile

Oct 2016 – Oct 2017 ·

Vancouver, BC

Douglas College

Computer Science

Jan 2016 – Oct 2016 · New

Westminster, BC

TOOLS

VS Code · Docker · Vercel

Git · GitHub · Bitbucket ·

Perforce

GitHub Actions · Lighthouse CI

AWS · Google Cloud ·

Cloudflare

Jira · Confluence

Figma · Adobe XD · Photoshop