

Jarred Brown

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PROFILE

Fintech Software Developer with 5+ years of experience engineering secure, high-performance web applications, REST APIs, and UI components for major financial institutions including RBC, BMO, Fidelity, National Financial, and Goldman Sachs. Expert in JavaScript ecosystems (Svelte, Vue, React, Node.js), performance optimization for high-traffic financial systems, regulatory compliance (AODA/WCAG 2.1, security best practices), automated testing, and CI/CD support. Proven problem-solver delivering scalable solutions that enhance usability, reduce latency, and ensure data integrity in fast-paced, growth-oriented engineering teams

EXPERIENCE

Software Developer

IHS Markit / S&P Global / Community

London, ON (Remote)

March 2021 - November 2025

- Engineered RESTful APIs handling over 500,000 daily financial data requests, frontend components tailored to client needs for RBC, BMO, Fidelity, Goldman Sachs, and National Financial, utilizing Node.js, Express, Svelte, Vue, React, .NET, and Classic ASP to streamline integration and accelerate deployment timelines.
- Optimized API performance by analyzing bottlenecks with Octoperf and Kibana, implementing Redis caching, improving API response times by over 105% for key endpoints.
- Developed data-driven tables, charts, and UI components aligned with backend specifications and financial design standards, improving user engagement and decision-making for thousands of end-users in investment and advisory tools.
- Modernized legacy applications and APIs (Classic ASP and .NET) to modern JavaScript/Node.js stacks, achieving full AODA + WCAG 2.1 compliance, improving accessibility and response times.
- Advanced automated testing suites using TestCafe, Jest, Postman, and Swagger, covering unit, integration, and E2E tests to maintain high-quality code and minimize downtime in production financial systems.
- Presented sprint deliverables to clients and stakeholders, ensuring alignment and clear communication of progress.
- Supported CI/CD pipeline migrations with Jenkins and GitLab, including deployments, production monitoring, and troubleshooting to uphold service availability.
- Diagnosed and resolved live production issues during on-call rotations, minimizing disruptions to financial operations and ensuring swift recovery.

TECHNICAL SKILLS

JavaScript | TypeScript | ES6 | HTML | CSS | Svelte | Vue | React | Node | ASP.Net/C#

Ruby on Rails | Classic ASP | Git | Jira | Jest | TestCafe | Postman | Swagger | Redis | Octoperf

Load Testing | Kibana | SQL | REST API Design | Accessibility (AODA, WCAG 2.1) | CI/CD Agile

Performance Optimization | Unit Testing | Integration Testing | E2E Testing

Jenkins | GitLab | Security | Visual Studio | MS Office

EDUCATION

Advanced Diploma, Computer Programmer Analyst, Fanshawe College

London, ON