Mark Savin

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Skills

Languages: Java, TypeScript, JavaScript
Frameworks: Spring Boot, Angular
Tools: Azure DevOps, Akamai, Contentful, MySQL

Experience

Frontend Developer: Rogers Communications | Brampton, ON   January 2024 – Present

- Owned the implementation of business-critical analytics tracking across buy flows to measure customer interaction, conversion, and drop-off points, enabling the business team to directly tie completed orders to revenue and drive data-informed UX decisions.
- Took full responsibility for maintaining and extending static, mobile-responsive HTML/CSS landing pages for partner device launches, managing assets via **Akamai CDN** to allow content updates without production redeployments.
- Served as the primary owner of onboarding and setup documentation, training new hires and maintaining detailed installation, versioning, and troubleshooting guides.
- Recognized and resolved a UX gap in customer purchase flows where promo codes appeared applicable despite ineligible bundle selections, implementing client-side eligibility logic to provide clear user feedback and maintain backend consistency.
- Identified duplication across 8 purchase flows and proposed consolidating automatic payment eligibility logic into a single centralized function, simplifying dynamic copy rendering, handling varied API responses and customer types, and improving long-term maintainability.
- Optimized complex frontend purchase flows by debugging issues and improving unit test coverage, leveraging GitHub Copilot to accelerate test development and refactoring, resulting in improved reliability and cross-browser consistency.
- Integrated **Contentful CMS** to dynamically serve product-specific content, enabling business teams to update copy without code changes.
- Developed responsive, accessible user interfaces using **Angular, TypeScript, HTML, and SCSS,** building reusable components and services that integrated REST APIs and adhered to enterprise design standards and internal component libraries (Rogers CDK).

Backend Developer: Rogers Communications | Brampton, ON   June 2021 – December 2023

- Owned the end-to-end design and implementation of a shared **Spring Boot microservice** to log daily API traffic metrics for multiple applications, integrating with **Dynatrace** for monitoring and implementing **ShedLock** to prevent duplicate scheduler execution across multi-pod deployments.
- Assumed sole ownership of backend development for an internal pricing platform, automating ingestion and validation of Excel-based mobile offer data to replace a manual vendor workflow and ensure accurate, real-time pricing and SKU information.
- Independently executed a **Spring Boot version upgrade**, reducing technical debt and improving long-term maintainability and compatibility with newer dependencies.
- Contributed to a microservices-based agreement management platform by developing **Spring Boot APIs** and **BFF services** for an **Angular SPA**, including a core service that dynamically generated legally compliant vendor agreements from customer and order data, deployed on **AKS**.
- Improved agreement retrieval performance by implementing a **Redis-based caching strategy** for large agreement records, reducing response times from ~8 seconds to ~800 ms (~90% improvement), while decreasing database load and maintaining cache consistency on state changes.

Education

York University | Honours Bachelor of Engineering, Software Engineering   April 2021