

Troy Fuhriman

Engineering Manager | Technical Lead | Shopify & Systems Integration

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Professional Summary

Engineering leader and hands-on full-stack developer with 5+ years of experience building and scaling e-commerce and internal systems in a high-growth environment. Lead technical execution and system architecture across Shopify Plus, cloud integrations, and internal platforms while guiding a small engineering team. Known for designing reliable, event-driven systems, driving automation, and translating business goals into scalable, maintainable solutions.

Experience

CellCore Biosciences (Microbe Formulas)

Development Team Lead / Engineering Manager

July 2022 – Present

- Lead technical direction and execution for a team of ~4 engineers responsible for business-critical e-commerce and internal platforms supporting a Shopify Plus environment processing ~700 orders per day.
- Architect and own integrations across Shopify, 3PL (ShipMonk), Salesforce, and external vendors, including SAP Business One integration efforts.
- Designed and implemented event-driven systems using Shopify webhooks, Azure Functions, and queue-based processing to reliably synchronize high-volume order and customer data.
- Serve as technical lead for a Next.js platform supporting a specialized customer segment, owning the system architecture and guiding developers on prioritization, quality, and long-term maintainability.
- Act as primary technical escalation point, resolving complex cross-system issues involving APIs, data consistency, and third-party integrations.
- Collaborate closely with the CTO, product stakeholders, and external vendors to evaluate technical approaches, assess tradeoffs, and align execution with business goals.
- Contribute to technical evaluation of candidates by assessing system design, code quality, and problem-solving ability.
- Drive automation initiatives using Shopify Flow and internal tooling to reduce manual operational work and improve reliability.
- Maintain high platform reliability through disciplined deployment practices, including regular weekly releases and proactive monitoring.

Frontend Developer

October 2020 – July 2022

- Built and maintained customer-facing and internal web applications using React, JavaScript, HTML/CSS, and Shopify Liquid.
 - Implemented frontend architectures that improved performance, scalability, and consistency across multiple storefront experiences.
 - Collaborated closely with backend developers to integrate REST and GraphQL APIs, ensuring accurate and timely data presentation.
 - Translated design concepts and functional requirements into reusable, maintainable components.
 - Contributed to modernization of legacy Shopify themes and frontend patterns as the platform scaled.
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Key Systems & Platforms

- High-volume Shopify Plus order and customer ingestion platform (~700 orders/day)
 - Event-driven integrations between Shopify, ShipMonk (3PL), Salesforce, and SAP Business One
 - Internal sales and commission processing and reporting systems
 - Next.js platform supporting a specialized customer segment
 - Automation workflows using Shopify Flow and custom services
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Technical Skills

Frontend: React, Next.js, JavaScript, HTML, CSS, Tailwind, Shopify Liquid

Backend & APIs: Node.js, Azure Functions, REST APIs, GraphQL, Webhooks

Data & Reporting: PostgreSQL, MySQL, Data Modeling, Reporting Views, Dashboards

Cloud & Infrastructure: Microsoft Azure, Azure Service Bus, Queue-Based Processing, CI/CD

E-commerce Platforms: Shopify Plus, Shopify Admin, Shopify GraphQL API

Architecture & Practices: Event-Driven Systems, System Integration, Codebase Modernization, Technical Leadership

Education

CodeWorks — Certificate of Completion, Software Development (2020)

13-week immersive program (500+ hours) focused on full-stack development, Scrum practices, and MVC architecture

Boise State University — Bachelor of Science, Psychology (2016)

Honors

Eagle Scout Award