

WEEK 04 / ENGINEERING ACHIEVEMENTS

BUILT ON A STRONGER FOUNDATION.

The systems behind Maple are becoming more reliable, traceable and connected — turning a focused storefront into a more capable B2B purchasing experience.

COMMERCE

Shopify

APPLICATION

Railway

VERSIONING

GitHub

DATA

PostgreSQL

01 / CONNECTED SYSTEMS

ONE EXPERIENCE. SEVERAL DISCIPLINES.

The storefront, application, codebase and data layer serve different jobs. Together, they create a more dependable foundation for business purchasing.

01 SHOPIFY**Commerce surface**

Product discovery, product pages, cart and customer-facing journeys.

02 RAILWAY**Application operations**

A managed application runtime supporting connected B2B capabilities.

03 GITHUB**Controlled evolution**

Versioned changes, recoverable baselines and a clear development history.

04 POSTGRESQL**Persistent business data**

Structured records supporting reliable business and catalog experiences.

02 / OPERATIONAL CONFIDENCE

RELIABILITY IS BUILT IN LAYERS.

Behind the buying journey sits a deliberate engineering practice: separating environments, retaining code history, validating data and proving recovery.

01

ISOLATED ENVIRONMENTS

SEPARATION

Development, staging and production remain deliberately distinct.

02

VERSIONED APPLICATION

TRACEABILITY

A protected source history makes changes reviewable and recoverable.

03

RESTORATION EXERCISE

RECOVERY

Database backup and restoration have been exercised in an isolated environment.

VERIFIED IN CONTROLLED CONTEXTS / NOT A CLAIM OF COMMERCIAL LAUNCH

03 / PRODUCT & PURCHASING EXPERIENCE

LESS GUESSWORK. MORE CONFIDENCE.

Maple connects clear product identification with customer-facing paths designed around repeat business buying.

01

FIND

Search with meaningful product or printer identifiers.

02

MATCH

Present compatibility information with an explicit product context.

03

ORDER

Move from a chosen item into the Shopify purchase flow.

04

REORDER

Bring returning business buyers back to familiar supplies.

ON THE STOREFRONT

Focused Xerox collections, more legible technical specifications and clearer compatibility information make the experience more useful for business buyers.

04 / WHERE THE WORK IS NOW

THE NEXT CHAPTER: MY USUALS.

The current focus is the repeat-purchase experience: making it easier for a returning business customer to recognize familiar supplies and resume procurement with confidence.

FROM A FIRST PURCHASE

TO A MORE FAMILIAR NEXT ORDER.