

Kris Penney
Software Developer

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<https://krispenney.github.io/>

Skills

- Passionate software developer with background in payment processing, fraud, and risk.
 - Experienced with ruby, rails, graphql, react, typescript, python. Familiar with rust and go.
 - Confident working within PCI and SOX compliant development environments.
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Experience

Shopify / Senior Software Developer - Merchant Identity

October 2020 - Present

- Designed and developed a new service to centralize merchant information storage and verification.
- Adopted [sorbet](#) within the app's codebase and assisted team members in learning sorbet.
- Developed initial version of internal support UI using typescript and react.
- Participant in various mentorship initiatives throughout the company.

Shopify / Senior Software Developer - Money Infrastructure

January 2020 - October 2020

- Championed the design and rollout of a credit card identifier, enabling credit card fraud reduction strategies.
- Improved resiliency of checkout transactions by introducing idempotency, making database and network errors recoverable.

Shopify / Software Developer - Money Infrastructure

September 2018 - January 2020

- Championed migration of billing credit cards to centralized payment service.
 - Contributed to the development and initial launch of a centralized payment service. Allowing payments related code to be shared.
 - Developed the [TenderTransaction](#) api.
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Education

University of Waterloo / Bachelor of Computer Science

Wilfrid Laurier University / Bachelor of Business

Administration

Sept 2013 - August 2018, Waterloo, ON