

# Connor Lynch

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## Professional Experience

### Full Stack Developer - 1Password

06/2024 - Present

- Worked with the team to launch Snippets as a core feature of the 1Password desktop app, moving it out of beta by refining the UI, adding new features, and improving user experience.
- Spearheaded labs project leveraging artificial intelligence to synthesize information about user apps. The API is used to improve search terms and simplify workflows of internal staff
- Applied prompt engineering, data evaluation and few-shot sampling methods, leading to 2500+ additional entries to search data and improved quality of existing data.
- Produced and presented weekly demonstration videos to showcase progress, effectively communicating updates and gathering input for iterative improvements.
- Collaborated with a 3-person agile team to rapidly develop a text expanding feature into 1Password's desktop application, contributing cross-platform code and unit tests.
- Facilitated cross-team communication to resolve technical challenges and gather feedback, ensuring alignment with project goals and stakeholder expectations.
- Quickly learned the existing codebase and implemented reviewed changes in accordance with the project roadmap, delivering on time within a tight deadline.
- Triageed internal bug reports, performing manual tests to validate fixes and identify edge cases

### Software Developer - Elastic Path

01/2022 – 05/2023

- Pioneered the creation of Integrations Hub, a revolutionary composable solution that simplifies user implementation and reduced costs by 60%.
  - Drove collaboration within a 10-person agile team to maintain enterprise SaaS eCommerce platform built with Golang microservice APIs. Completed over 100 jira tickets.
  - Refined the implementation of end-to-end tests and embraced behavior-driven development strategy, to ensure the robustness of the codebase and improve test coverage by 5%.
  - Improved GitLab CI/CD pipeline, boosting Kubernetes service deployment efficiency by 9%.
  - Optimized the performance of MongoDB and PostgreSQL through strategic refinement of schemas, queries, and indexes. Reducing query execution on common use cases by 100 ms.
  - Create documentation for internal use to aid teams integrating features. Work alongside the document team to deliver concise articles with examples for public wiki.
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## Skills

### Programming Languages

Golang, Typescript, Python, JavaScript, C, C#, Rust

### Databases

MongoDB, SQL, MySQL, PostgreSQL, SQLite

### Platforms and Frameworks

Microservices, REST API, RabbitMQ, CI/CD, React, Flask

### Tools

AWS, Kubernetes, Docker, Datadog, VS code, IntelliJ, NPM

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## Education

### Conestoga College, Waterloo, ON

09/2017 - 04/2020

Graduated with an advanced Diploma in Software Engineering Technology.