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
- Learned and applied techniques for implementing AI into a platform. Including: output formatting, RAG, few-shot sampling, prompt refining, evaluations and computer using agent.
- Applied prompt engineering, data evaluation and few-shot sampling methods, leading to 1000+ 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.
- Triaged 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.

Skills

Programming Languages	Golang, Typescript, Python, JavaScript,C, 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

Education

Conestoga College, Waterloo, ON   09/2017 - 04/2020
Graduated with an advanced Diploma in Software Engineering Technology.