

Connor Lynch

Software Developer



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ConnorEALynch



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Development Experience

Software Engineer | **Elastic Path** | January 2022 – May 2023

- Maintained a headless enterprise eCommerce platform for B2B and B2C clients.
- Collaborated in an agile environment to maintain API based Golang microservice architecture.
- Wrote end-to-end tests and used behavior-driven development strategy to verify code robustness.
- Swiftly integrated new technologies, bolstering familiarity with the company's platform.
- Helped create Integrations Hub, a composable commerce solution to simplify user implementations.
- Updated GitLab CI/CD pipeline to improve deployment of containerized services to Kubernetes.
- Streamlined performance of MongoDB and PostgreSQL by refining schemas, queries and indexes.

Full Stack Web Developer | **Sienci Labs** | May 2020 - July 2020

- Drafted user-friendly system architecture and proposal documents for company owners.
- Built file hosting website for creating and sharing CNC machine projects using Laravel framework.
- Adhered to self-imposed coding standards, emphasizing documentation and version control.
- Coordinated with clients to demonstrate progress, define website goals, and manage scope.

VR/AR Lab Researcher | **Conestoga College** | January 2020 – April 2020

- Demonstrated virtual reality prototypes to industry partners, built in Unity engine for Oculus Quest.
- Developed motion tracking experiences for University of Waterloo's Kinesiology research project.

Education

Conestoga College | 2017 -2020

Software Engineering Technology
Advanced Diploma

Certifications

API Academy | October 2023

API Designer, API Security Architect, API Product Manager

Tech GDPR | October 2023

GDPR for Software Developers v1.0

Skills

Programming Languages

C, C#, Python3, JavaScript, Typescript, Golang

Databases

SQL, MySQL, MongoDB, PostgreSQL

Platforms and Frameworks

Linux, AWS, REST API, Microservices, CI/CD

Tools

Git, Docker, Jira, Datadog, Kubernetes, RabbitMQ

Software Projects

Apartment Buzzer Forwarder | Open Source Project

Deployed middle-ware solution to apartment's gate buzzer to allow multiple calls to tenants.

Technologies: Python3, AWS lambda, Twilio, Flask

- Developed a cloud-based system for multi-user dialing and authorization.
- Added a user-requested mute feature for enhanced privacy and quality of use.
- Prioritized security to minimize false triggers and protect user data.
- Produced cost-effective software, offering competitive services at half the market price.

Farm Agritech Service Tool | Open Source Project

Prototyped a system to convert and graph farm equipment data into a user-friendly UI.

Technologies: SQL Server, C, Linux, AWS services, SQL database

- Created SQL-based farm equipment diagnostic visualization software.
- Integrated J1939 protocol, Farming Simulator 2019, and Linux to generate telemetry data.
- Managed sudden remote work requirements by hosting components online.
- Orchestrated the hosting of database and Linux virtual machine to respected AWS services.