

Connor Flynn

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 [github](#) | [in linkedin](#) | [portfolio](#)

Vancouver, Canada

EXPERIENCE

ChainXY

Software Developer Lead

May 2022 – Present

Vancouver, BC

- Led the design and development of an AI-powered scraping automation framework integrating Python, Selenium, and GPT APIs, reducing manual script maintenance by over 60% and increasing project throughput across multiple data teams.
- Architected and implemented asynchronous data pipelines using Python's `asyncio`, enabling concurrent processing of thousands of network requests and improving data ingestion efficiency by 30%.
- Enhanced system reliability by modernizing legacy synchronous components, implementing centralized logging, and establishing standardized retry logic and error handling across services.
- Collaborated with UX and technical leads to design and deploy user-facing React.js components for the ChainXY platform, improving client workflow speed and user satisfaction.
- Introduced Grafana and Prometheus dashboards to visualize pipeline latency and API health in real time, enabling rapid detection and resolution of bottlenecks.
- Mentored junior developers on code quality, asynchronous programming, and web automation best practices, fostering a stronger engineering culture.

ChainXY

Software Developer

Nov 2019 – May 2022

Vancouver, BC

- Built reusable UI components and complex data visualizations using React and Redux, improving product consistency and reducing front-end development time.
- Developed and optimized backend services with C#/.NET, Node.js, and PostgreSQL to support high-volume data extraction and reporting workflows.
- Containerized and deployed services using Docker, streamlining environments and improving deployment reliability.
- Created internal QA and operations tools to manage store-level data integrity, reducing manual verification workload.
- Standardized documentation and version control practices across engineering teams for smoother collaboration and maintainability.

EDUCATION

South East Technological University

Bachelor of Science (B.Sc.) in Information Technology

Waterford, Ireland

Sep 2014 – May 2018

Core Modules: Data Structures and Algorithms, Database Design, Software Engineering, Web Development, Systems Architecture, Object-Oriented Programming.

SKILLS

- **Programming Languages:** Python, C#, JavaScript, TypeScript, Java, SQL, HTML/CSS
- **Technologies:** Docker, AWS, PostgreSQL, Node.js, Git, REST APIs, GraphQL, Linux
- **Frameworks/Libraries:** React.js/Next.js, Redux/Zustand, Flask, FastAPI, Scrapy, .NET, Tailwind CSS

PROJECTS

Financial Dashboard App

Next.js 13.4, Tailwind CSS, TypeScript

[link](#)

- Developed a responsive financial dashboard with interactive income and expense analytics.
- Implemented real-time balance tracking, chart visualizations, and a modern fintech-style UI.

Cryptocurrency Information App

Vite, React, TypeScript, Tailwind CSS

[link](#)

- Built a dynamic cryptocurrency tracker providing live data from multiple APIs.
- Integrated real-time updates and continuous deployment with Netlify for seamless user access.