

## WORK EXPERIENCE

**AI Trainer / Data Annotator** Outlier AI, DataAnnotation - Freelance Remote August 2024 – Present

- Worked on high-volume projects involving data annotation, labelling and content validation for AI/ML models in natural language processing and computer vision gaining insights on prompt engineering.
- Applied feedback loops and applied understand of model behavior for LLMs to improve model outcomes and identify data quality issues.

**Software Developer** KPMG LLP - Toronto, ON (Hybrid) November 2022 – November 2023

- Developed an automation tool in Python to generate security reports incorporating data processing and visualization, reducing generation time by 2-3 days and gaining stakeholder interest.
- Led an agile team as scrum master to deliver a prototype within a 4-week sprint, improving report generation efficiency by 60-80%.
- Integrated 100+ applications for large bank's infrastructure, resolving issues 15% ahead of schedule, ensuring smooth onboarding and exceeding client expectations.

**Freelance Software Engineer** Freelance Remote February 2022 – November 2022

eWorx - **Software Engineer Intern – Backend (Data Focus)**

- Developed full stack web features applying REST principles using React, Node.js, Express, PostgreSQL to deliver a user-friendly experience.
- Improved system performance through implementing secure, scalable APIs in Node.js and Express, ensuring smooth data flow and improved application functionality.
- Participated in Agile sprints, including peer code reviews and test-driven development (TDD), ensuring high-quality code deployment within tight deadlines.

PeerSupport.io - **Software Engineer Intern – Full Stack**

- Developed and optimized backend services in Node.js and Express to support data integration for a multi-platform e-commerce integrator system, boosting performance.
- Integrated third-party APIs into existing integral PostgreSQL system, enabling real-time data synchronization.
- Collaborated on architectural decisions influencing relational database roadmaps, reducing technical debt and enhancing application efficiency.

Behaviour - **Software Engineer Intern - Backend**

- Worked closely with the CTO to optimize data storage operations using TypeScript, improving NoSQL data retrieval and reducing costs.
- Assisted with optimizing Redux components to React Query using TypeScript, improving state management and modularization.
- Gained exposure to real-time data processing through centralizing state management to share application resources, reducing database calls by 30-40%, improving efficiency.

**Software Engineer Intern – Full Stack** Romh's Educational Services - Remote, Canada June 2019 – December 2019

- Built a full stack web application that automated 50% of business processes, enhancing operational efficiency and reducing manual workload through digital transformation.
- Implemented a scalable, maintainable solution using best practices, SOLID principles and WordPress API, ensuring ease of use and maintainability for non-technical users.
- Created and maintained written documentation, ensuring accuracy and relevance for ongoing development efforts.

**Software Developer / Data Analyst Co-op** London Hydro - London, Canada May 2018 – August 2018

- Streamlined data collection from external APIs using Python scripting into internal systems, contributing to core software features.
- Created insightful reports measuring metrics for client engagement, fostering stakeholder attention, and leading to new project initiatives.
- Developed real-time integration with data-driven dashboards using SQL and Tableau, enabling executives to make strategic business intelligence decisions.

## PROJECTS

- [Loan Calculator](#) - Python application which calculates various loan repayment options. [ Python ]
- [Jungle](#) - A full stack e-commerce application with Stripe API integration. [ Ruby on Rails, Bootstrap, PostgreSQL ]
- [TinyApp](#) - A bit.ly clone web application utilizing various npm packages. [ Node.js, Express, Bootstrap, JavaScript ]
- [Lotide](#) - Clone of NPM package Lodash. [ Node.js, JavaScript ]
- [Scheduler](#) - An interview scheduling web application built using TDD (Jest, Storybook and Cypress). [ React, JavaScript, PostgreSQL ]

## SKILLS

- Programming Languages:** Python, Java, HTML, CSS, JavaScript, TypeScript, SQL, C/C++
- Libraries, Frameworks, Databases:** Node.js, Express, React, Redux, Bootstrap, Ruby on Rails, PostgreSQL, Sequelize ORM, NoSQL
- Technologies, Tools, & Other:** Git, CI/CD pipelines, AWS, GCP, Kubernetes, Linux, API Integrations, Real-time systems
- Testing & QA:** Mocha, Jest, Storybook, Cypress

## EDUCATION

- Full Stack Web Development Diploma** | Lighthouse Labs October 2021 - January 2022
- Bachelor of Science - Specialization in Computer Science** | Western University - London, Canada Class of 2019
- Bachelor of Management and Organizational Studies** | Western University - London, Canada Class of 2014