

Vincent Li

📞 416-559-2186 ✉ vincentli.dev@gmail.com [linkedin.com/in/vincent-li-vl](https://www.linkedin.com/in/vincent-li-vl)

github.com/vincentli-vl vincent-li.vercel.app/

Work Experience

Aceventure HQ

August 2024 – Present

Software Developer (Contractor)

Remote, ON

- Design and develop full-stack web applications using **React, Next.js, Python, and PostgreSQL (Supabase)**, delivering production-ready solutions for local business clients.
- Build **secure authentication systems, REST APIs, and database schemas** with **Supabase** to support scalable and reliable data management.
- Optimized responsive UI components using **React and TailwindCSS**, improving mobile performance and reducing page load times by **30%**.
- Collaborate directly with clients to translate **business requirements into technical solutions**, consistently delivering projects **on schedule** through iterative feedback cycles.
- Manage **application deployments, timelines, and feature updates** across multiple live environments, ensuring **system stability and continuous improvement**.
- Improved **SEO performance and digital content strategy**, increasing organic traffic and search visibility by **20–40%**.

PlanEasy Inc.

May 2022 – Aug 2022

Full Stack Developer Intern

London, ON

- Developed and deployed **RESTful APIs using Django and PostgreSQL** to manage structured financial data for **100+** customer accounts
- Created a responsive **retirement planning interface** using **React and TypeScript**, building **10+ reusable components** and reducing manual advisor review effort.
- Implemented **regression and functional testing**, reducing production defects and accelerating release cycles by **20%**.
- Streamlined the user onboarding workflow using **React**, reducing steps from **5 to 3** and increasing completion rates.
- Collaborated with cross-functional teams to define and deliver application features, contributing to **3 new platform capabilities**.

Education

Western University

2025

Bachelor of Science in Computer Science

London, ON

Projects

Kingston Archives – AI Knowledge Platform (QHacks) | Python, React, Speech-to-Text, AI APIs, Tailwind CSS

- Built a centralized platform using **Python and React** to access **100+ archival records**, improving data accessibility.
- Developed a search engine and timeline visualization system to support efficient exploration of historical datasets.
- Integrated **AI-powered** document querying to enhance knowledge retrieval and interaction with structured data.
- Implemented **speech-to-text** transcription and automated summarization, reducing manual effort by **~50%**.

EchoCare – AI Memory Care Assistant (TerraHacks) | Python, Flask, PyTorch, TensorFlow, OpenCV, TailwindCSS

- Developed an **AI voice assistant** for dementia care monitoring using **Python, Flask, and machine learning frameworks** to support **real-time monitoring**.
- Led **front-end development** and contributed to **backend integration**, delivering a **cohesive user-facing system**.
- Trained facial recognition and emotion detection models using **PyTorch and TensorFlow**, achieving **99.7%** accuracy.
- Designed **real-time dashboards and logging systems** to support caregiver monitoring and coordination.

Technical Skills

Languages: Java, JavaScript (TypeScript, ES6+), Python, SQL, Bash, C#, Swift

Back-end: Spring, Django, Node.js, .NET

Front-end: React, Angular, Vue.js, UIKit, SwiftUI, TailwindCSS

Databases: PostgreSQL, SQL Server, MongoDB, MS Access

Developer Tools: Git, AWS, Microsoft Azure, Postman, Docker

Testing: JUnit, Jest, Cypress, MS Test, Boost

Operating Systems: Linux (Ubuntu, Redhat-based distros), Windows, Android, iOS