

KAAN KAYA

Toronto, ON · +1-647-281-2725 · kaan.kaya.dev@gmail.com · [linkedin.com/in/kaankaya7](https://www.linkedin.com/in/kaankaya7) · github.com/kaya-kaan

New graduate Software Engineer with experience in backend development, data-driven systems, and workflow automation. Strong foundation in data structures, algorithms, and object-oriented programming. Proven ability to improve efficiency, process high-volume datasets, and build scalable applications.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, C++, SQL, HTML/CSS

Frameworks & Libraries: Next.js, React, Tailwind CSS

Tools & Platforms: Git, GitHub, WordPress, Android Studio, VS Code, Eclipse

Databases: MySQL

Core Concepts: Data Structures, Algorithms, Object-Oriented Programming, Operating Systems

PROFESSIONAL EXPERIENCE

Software Developer (Contract / Freelance)

Canadian CRB Program (WordPress CMS) | Toronto, ON | 2025 – Present

- Developed and maintained a **data-driven property listing platform** processing high-volume real estate datasets from multiple sources.
- Designed and implemented **automated data pipelines** using Python to extract, parse, and transform raw HTML into structured CSV/XLSX formats.
- Reduced manual data entry **by 65–80%** by building efficient data extraction, transformation, and bulk import workflows.
- Added and maintained **1,000+ property listings**, ensuring high data accuracy and consistency across the platform.
- Performed **data cleaning, validation, and standardization** to resolve inconsistencies across datasets before CMS ingestion.
- Implemented bulk data import processes and optimized listing management workflows for scalability.
- Managed content using WordPress (WP-Property), including large-scale updates, corrections, and structured data mapping.
- Collaborated with stakeholders to improve workflow efficiency and reduce repetitive manual processes.

PROJECTS

Budget Tracking App - Smart Spender | Java, Android

- Collaborated in a **4-person Agile team** to design and develop a mobile budgeting application with core financial tracking features.
- Implemented income, expense, and budget tracking modules, enabling users to manage **multiple financial categories in real time**.
- Designed an interactive dashboard to improve financial visibility and user experience.
- Conducted **testing across multiple Android devices**, identifying and resolving UI/performance issues to ensure consistent usability.

Portfolio Website | Next.js, Tailwind CSS

- Designed and deployed a responsive portfolio website using Next.js and Tailwind CSS, showcasing **5+ projects and technical skills**.
- Built reusable React components and implemented smooth navigation, improving user experience and site structure.
- Optimized performance and responsiveness across mobile and desktop, reducing load times and improving accessibility.

Housing Affordability Analyzer – House Hunter Canada | Java, MySQL

- Developed a data-driven application analyzing housing affordability across Canadian regions using structured MySQL datasets.
- Designed and implemented backend logic and **optimized SQL queries** for filtering large datasets by income, region, and housing type.
- Enabled dynamic search functionality supporting **multiple filtering parameters**, improving usability and data accessibility.

EDUCATION

York University, Toronto, ON | 2020 - 2025

Bachelor of Science (Honours), Computer Science