

Carlos Rafael Dela Cruz

en.carlos.delacruz@gmail.com | 4163006902 | Scarborough, ON, M1W 2V4 | [Github link](#)

[Linkedin link](#)

TECHNICAL SKILLS

- **Technical Languages:** JavaScript, HTML, CSS, MySQL, NoSQL(MongoDB)
- **Frameworks/Tools:** GitHub, Git, MongoDB, Express, React, React hooks, Redux, Node.js, jQuery, Bootstrap, Stripe, JWT, ES6, Webpack, JEST, GraphQL API, Apollo, Third Party APIs, OAuth
- **Web Development Concepts:** REST API, OOP, ORM, MVC, PWA, MERN stack, Agile methodologies

PROJECTS

ClotheStation | [Github link](#) | [Deployment link](#)

- **Framework & Stack:** Developed a **responsive MERN-stack e-commerce platform**, delivering a mobile-friendly UI/UX tailored to enhance online shopping.
- **Back-End Development:** Engineered using **GraphQL** and **Apollo Server** on a **Node.js** and **Express.js** foundation. Ensured efficient data storage with **MongoDB** and **Mongoose ODM integration**.
- **Data Operations:** Utilized **GraphQL's** advanced features for real-time data updates and streamlined **CRUD** operations. Incorporated modern JavaScript methodologies: **Redux** for state management, **React Hooks**, **ES6+** syntax, and **Redux Form** for optimized form handling.
- **User Engagement & Features:** Elevated the **user experience** with in-depth product overviews, category-driven browsing, dynamic shopping carts, wish lists, and a **Stripe-powered secure checkout**.
- **Security Measures:** Bolstered platform integrity with **JWT** authentication, **bcrypt** password hashing, strict CORS policies, and server-side protection of sensitive API keys using environment variables.

Mode de Vie | [GitHub link](#) | [Deployment link](#)

- **Core Purpose & Features:** Passionately crafted **dynamic social media platform**, enabling users to share life stories, engage with standard social features (**like, comment, save**), and connect with friends through follows.
- **Unique User Engagement:** Introduced a competitive **rankings feature**, allowing users to discover top-engaging posts based on user interactions and views.
- **Technical Architecture & Design:** Embraced and mastered the **MVC paradigm** for organized code structure. Established a tailored **server-side API** for data management and integrated robust **user authentication** mechanisms for secure user sessions.
- **Database Management:** Ensured consistent and efficient **database connectivity**, facilitating seamless **data storage** and **retrieval** for user posts and interactions.
- **Team Dynamics & Collaboration:** Functioned **cohesively** within a **diverse team**, bringing together a spectrum of technical skills and expertise to roll out a fully functional, user-centric application.

Itinerary-Planner | [GitHub link](#) | [Deployment link](#)

- **User Experience & Functionality:** Crafted an **interactive** platform allowing users to efficiently search, pinpoint, and curate points of interest across diverse cities or locations.
- **API Integration:** Seamlessly integrated **Google** and **Wikipedia's APIs**, ensuring users access comprehensive insights and information on various destinations.
- **Data Management & Retention:** Enhanced the user journey by allowing users to save, retrieve, and review curated information across multiple locations, ensuring continuity across multiple sessions.

EDUCATION

Full Stack Web Development Boot Camp: University of Toronto, Toronto, ON

Key Outcomes:

- **Front-end Development:** Crafted responsive websites through custom designs and leveraging established frameworks.
- **Back-end Mastery:** Developed single-page applications integrated with RESTful API routes, AJAX, and various databases.
- **Algorithmic Proficiency:** Honed skills in data structures and algorithms, enabling efficient problem-solving and optimized code performance.
- **Social Coding:** Practiced source control methodologies, issue tracking, and fostered collaboration through effective project management.