

Lucas Assuncao da Silva

New Westminster, BC | +1 778 898-7466 | lusilva.dev@icloud.com
linkedin.com/in/lucas-assuncao-silva | github.com/LuSilvaDeveloper

EDUCATION

Langara College

Diploma in Computer Studies

Relevant Coursework: Algorithms & Data Structure (C++), Program Design (Java), Object-Oriented Programming (Java), Database (MySQL), Software Practices, Full Stack Development

Awards: Dean's Honour Roll Certificate, Summer 2022

Vancouver, BC

Expected August 2025

University Center IESB

Bachelor's Degree in Civil Engineering

Brasilia, Brazil

January 2014 - July 2019

SUMMARY

Software Developer with a strong foundation in full-stack web development using React, TypeScript, Node.js, and RESTful APIs. Experienced in building secure, scalable applications and passionate about delivering clean, efficient, and maintainable code. Skilled in Python for backend scripting and automation tasks, and familiar with cloud platforms such as Google Cloud for modern application deployment and hosting. Adept at collaborating in team environments, adapting to new technologies, and solving complex technical challenges.

TECHNICAL SKILL

- **Programming Languages:** JavaScript, Typescript, Python
- **Frontend:** React.js, Next.js, HTML, CSS, Tailwind CSS,
- **Backend:** Node.js, Express.js, RESTful API
- **Databases:** MongoDB, MySQL
- **Tools:** Git, GitHub, Postman

WORK EXPERIENCE

Langara College

Desktop Technician Co-op

Vancouver, BC

September 2024 – Present

- Utilized SQL queries to verify and track a large inventory of monitors within Microsoft Inventory, ensuring accurate data and improved asset management.
- Led team efforts during the Great Monitor Migration by developing a streamlined pipeline that improved list accuracy and reduced redundant updates.
- Deployed Adobe software to target devices using System Center Configuration Manager (SCCM), ensuring seamless user experience and zero post-deployment issues.
- **Highlights:** SQL, SCCM, Active Directory, Microsoft Azure, Microsoft Inventory System, Problem-solving, Troubleshooting, Client support, Teamwork

Web Dev Path – [Link to Website](#) – [Link to GitHub](#)

Web Developer Volunteer

Vancouver, BC

June 2023 – Present

Contributed to the project for over a year to develop a platform that showcases Web Dev Path's services and helps attract initiatives and organizations in need of support.

- Demonstrated technical skills by actively providing support and participating in code reviews, ensuring the ideal implementation of new features.
- Implemented modularization of CSS code using Styled Components to improve code reusability and maintainability.
- Displayed enthusiasm for learning, adaptability, and motivation when acquiring new concepts and mastering new tools.
- Migrated existing codebase from JavaScript to TypeScript to enhance code safety and maintainability.
- **Highlights:** Javascript, React.js, Next.js, Styled-Components, HTML, CSS, Git, GitHub

Langara College

Research Associate 3-Months Contract

Vancouver, BC

March 2023 – May 2023

- Conducted research on virtual reality companies, producing concise summaries to simplify the comparison of their key technological features.
- Evaluated open-source licenses to assess their pros and cons, presenting a user-friendly table for a clear comparison.
- Engaged in brainstorming sessions to discuss virtual reality company technologies.

- **Highlights:** Technology research, VR environment testing, Training Testing

PROJECTS

Clocking System – [Link to the Project \(In Progress\)](#)

- Designed and developed a full-stack clocking system that enables users to securely clock in and out, track work sessions, and view activity logs.
- Developed the backend using Node.js and Express, implementing RESTful API endpoints for managing users and time logs.
- Implemented authentication using JWT and bcrypt for secure login and session control.
- Currently building the iOS frontend in Swift using SwiftUI to provide a responsive, native user experience on mobile.
- Project emphasizes modular code structure, real-world use cases, and clean UI/UX for both web and mobile environments.
- **Highlights:** Node.js, Express, React.js, TypeScript, MongoDB, RESTful API, OAuth, Git, GitHub

User Authentication - [Link to the Project](#)

- Developed an API that enables user registration and authentication, allowing users to sign up and sign in securely.
- Implemented password hashing using the bcrypt library, enhancing the security of user data and authentication processes.
- **Highlights:** Javascript, Node.js, Express, RESTful API, Git, GitHub

OTHER WORK EXPERIENCE

FIFTH + FIR

Warehouse Associate

Vancouver, BC

July 2023 – August 2024

- Demonstrated problem-solving skills by efficiently requesting tiles from both the United States and Canada, leading to increased customer satisfaction and on-time delivery.
- Improved warehouse efficiency by restructuring layout, leading to faster product retrieval and shorter delivery times.
- Implemented inventory management using Excel reducing errors and improving order accuracy by organizing stock and orders efficiently.
- **Highlights:** Microsoft Excel, Problem Solving, Communication, Work under pressure