

LWIN MATEO LOPEZ

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OBJECTIVE SUMMARY

Recent Software Development graduate, skilled in Python, and familiar with multiple programming languages. I am seeking a Software Developer position where I can expand my debugging skills, enhance my problem-solving capabilities, and support the team by writing maintainable, efficient code that aligns with organizational goals.

TECHNICAL SKILLS

Frontend: React, JavaScript, React Bootstrap, Bootstrap, Next.js, HTML/CSS, React Native

Backend: Node.js, Express.js, MongoDB, SQL, JWT

Tools: Git, VS Code, Visual Studio, Microsoft SQL Server Management Studio 18, GitHub

Other Skills: RESTful APIs, CI/CD, Django

LANGUAGE SKILLS

English, Spanish

EDUCATION

Honours Bachelor of Technology – Software Development

January 2021 – August 2025

Seneca Polytechnic, Newnham, Ontario

PROJECTS

Personal ePortfolio – Web Service and Application

October 2025 – December 2025

Technologies Used: MongoDB, Express.js, React.js, Node.js, REST API, Render.com

- Implemented a one-page website that contains information about me, my education, and projects
- Implemented a simple REST API only to send messages to email.
- Learned some CSS styles to make the website more interactive with animation effects.
- Learned how to adjust the components in the website when viewing it in device mode.
- Deployed the website in a cloud application platform called Render.
- Website: <https://lwin-eportfolio.onrender.com/>

Fragments Microservice Project – Cloud Computing for Programmers

May 2025 – August 2025

Technologies Used: HTML, AWS Cognito, AWS ES2, Docker, curl, Node.js, CI/CD

- Implemented on the backend for requests and responses with the API
- Creating instances of the Backend implementation with Amazon EC2.
- Created Docker Images using Docker for testing backend functionality.
- Implemented CI and CD using unit tests and git patch version.
- Unable to fix AWS S3

Seneca Hackathon 2024 – NEAR (Security Alert Application Project)

February 2024 – March 2024

Technologies Used: React-Native, Expo, Firebase

- An application that sends users alerts about incidents occurring in their neighbourhood.
 - Implemented for Android and iOS
 - Converting UI design from wireframe to a working app.
 - Integrated Authentication and Authorization implemented with Firebase.
 - Implemented the full functionality based on the designed User Interface from Figma
- GitHub: <https://github.com/LwinMat/SEAN>

WORK EXPERIENCE

System Development Engineer Internship

January 2025 – April 2025

Project: Human City, Toronto, Ontario

- Developed front-end mobile apps, with a larger team.
- Developed, tested, and implemented development projects in designated frameworks.

Development Intern

May 2024 – August 2024

Kubetools Technologies Inc. Brampton, Ontario

- Designed and developed recommended algorithms using Python to improve web page performance.
- Communicated with supervisor in weekly scrums to report updates on applications using Docker Desktop implemented with MUI.
- Developed and optimized data collection by implementing the back-end side in AWS to improve front-end functionality.
- Monitored, troubleshoot, and optimized recommendation systems in the production environment.
- Stayed up to date with the latest trends and advancements in cloud and containerization technologies.

Repertoire Coordinator & Marimba Instructor “Xumakte” marimba Group/band

June 2021-

Present

- Selected and evaluated songs, melodies, and arrangements to expand the band’s repertoire and enhance overall performance quality.
- Taught and demonstrated marimba parts to band members, providing step-by-step guidance to ensure accuracy and musical cohesion.
- Simplified complex melodies and adapted arrangements to match the skill level and style of the group.
- Collaborated closely with band members to refine timing, harmonies, and performance dynamics.
- Contributed to creative decision-making during rehearsals, helping shape the artistic direction of the band.

AWARDS & ACHIEVEMENTS

University of Toronto Dependent Scholarship – 2024-2025

Cultural Recognition Award – Xumakte (2024)

- Received a plaque honouring the band’s contribution to the promotion and preservation of Guatemalan culture through traditional Marimba music.

Housing Hackathon – Finalist – 2024

- Applied knowledge of Mobile applications for housing technology.

- Reached the finals of the competition.
- Did not win, but I was glad to take the opportunity

Software Development Scholarship Award – 2023

Certificate of Participation, Youth Rising Above, Practical Development program on Leadership – 2023

VOLUNTEER WORK

Christie Ossington Neighbourhood Centre, Toronto, Ontario, Canada

Summer 2022

- Assisted in preparing and serving food at the drop-in/shelter

INTERESTS

Music: play Marimba and trombone, write songs, and sing. (<https://soundcloud.com/bgcstudios/ill-fly>)

Zumba Fitness

Black Belt Second Dan in Taekwondo

Automotive Mechanic

Music Production: BGC St. Alban Club