

# LUCAS PIERRU

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514-249 4751

Languages: French and English fluent, Spanish basic level

## SUMMARY

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Driven and technically adept Web Developer with a bachelor's degree in engineering. Experienced in enhancing web platform performance and creating new functionalities to meet product demands. Skilled in next.js, express.js, React.js, and Flutter. Proven track record in code reviews and technical documentation. Fluent in English, French. Eager to contribute and support the tech initiatives that align with the company's mission and values.

## PROFESSIONAL EXPERIENCES

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### Web Developer

2022 - 2024

XpertSource, Montreal

- Implemented good coding practices on the code base resulting in a performance increase of the web platform by more than 50%.
- Wrote technical documentation for good practices in next.js and express.js/node.js with the MVC pattern to help integrate new programmers and enforce best practices, increasing productivity.
- Created the platform's newest functionalities demanded by the product manager which facilitated the creation of projects by the clients and increased the amount projects sold by the company

## ACADEMIC BACKGROUND

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### Bachelor of engineering in automated production

2018 - 2022

École de technologie supérieure (ÉTS)

Université du Québec, Montréal (Québec)

## SKILLS

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**Programming languages:** Python, Javascript, TypeScript, HTML/CSS, SQL, Dart

**Softwares:** Figma, VS Code, Github, Insomnia/Postman

**Frameworks & libraries:** React, Node.js, Next.js, Tailwind css, Express.js, Docker, AWS, PostgreSQL, MySQL, Firebase, MongoDB, Supabase, Flutter

## PROJECTS

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### Application to navigate to electric vehicles charging stations

2024

- Program the mobile application with flutter and supabase
- Use mapbox and the open charge map API to show the EV charging stations
- Allow the user to navigate towards the selected charging station with the mapbox sdk

### Development of an online store

2022

- Do the frontend of the website with React.js
- Handle the authentication and the database with firebase
- Handle states with Redux
- Handle payment with Stripe

### Face detection application

2022

- Do the frontend with React.js
- Use the Clarifai API to get the model that detect faces
- Do the backend with node.js, express.js and PostgreSQL for the database