

# Nicolas Gauthier

<http://nickhabashi.netlify.app/> | Portfolio

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## EDUCATION

### Institut Teccart

ACS/AEC Web & Mobile Programming

Montreal, QC

**2022-2024**

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## SKILLS SUMMARY

- **Languages:** Python, JavaScript, JAVA, Dart
- **Frameworks:** Pandas, NumPy, React, Flutter
- **Tools:** GitHub, Jira, Node.js, MySQL, Firebase
- **Platforms:** PyCharm, Visual Studio Code, Unity
- **Soft Skills:** Communication, Collaboration, Detail-Oriented, Patience, Efficient Learning

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## WORK EXPERIENCE

### FLUTTER DEVELOPER INTERN | DevXpress | Inspectogo

**May 2024 - Aug 2024**

- Built and deployed over 15 key features for the company's Flutter application.
- Integrated Firebase to display real-time data, implementing a feature to display all recent inspections, employees and company locations.
- Utilized Riverpod to handle complex state management across 5+ different application modules.
- Designed and implemented 4+ interactive forms improving user input and search functionality.
- Developed and executed widget tests, covering 85% of all app components ensuring stability and performance.
- Participated in weekly stand-up meetings and contributed to project sprints delivering over 50 tasks on time for over 3 months.
- Worked on both front and backend functionalities to ensure seamless integration and harmonious flow.

### PROGRAMMING TUTOR | Institut Teccart

**Jan 2022 - May 2024**

- Tutored 50+ students in Python, C#, Java, React helping them understand fundamental programming concepts and complete their projects or assignments.
- Helped students improve their understanding of algorithms, data structures and object-oriented programming, resulting in an average grade improvement of 15-20%.
- Created over 10 custom study guides, coding exercises, and project templates tailored to the unique needs of each student.

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## SOME OF MY PROJECTS

### VIDEO GAME E-COMMERCE | <https://steem-frontend.onrender.com/>

Feb 2024 - May 2024

- Developed a game management platform using React that allows users to view, manage and purchase games.
- Deployed on a server with a seamless connection between the frontend and backend.
- A dynamic dashboard where users can browse, filter and manage games.
- Login and registration functionality, enabling users to create accounts and log in securely.

### MOVIE BROWSING PLATFORM | <https://seeflix.netlify.app/>

Jan 2024 - Feb 2024

- Developed a game management platform using React that allows users to view, manage and purchase games.
- Deployed on a server with a seamless connection between the frontend and backend.
- A dynamic dashboard where users can browse, filter and manage games.
- Optimized for smooth user navigation and responsive design across devices, enhancing the overall viewing experience.

### LOCATION SAVER APP | <https://github.com/Juntakk/favoritePlaces>

May 2024 - June 2024

- Developed a location-based app using Flutter and Dart that allows users to take pictures of locations and save them with additional details.
- Google Maps API integration to automatically save and display the location where each picture was taken.
- Ability to add favorite places, attaching descriptions, tags, and personal notes to each location.
- A streamlined UI enabling users to capture photos, store them with geographic data, and manage a list of saved locations.

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## CERTIFICATES

### REACT JS MASTERCLASS

Jan 2024

- Completed an advanced React JS Masterclass focused on mastering modern front-end development techniques.
- React fundamentals including components, state, props, and lifecycle methods.
- Deep dive into React Router for dynamic navigation and creating single-page applications (SPAs).

### AI FUNDAMENTALS WITH PYTHON

Nov 2023

- Completed an extensive AI with Python course, focusing on implementing artificial intelligence solutions using Python.
- Introduction to AI concepts, including machine learning, neural networks, and deep learning.
- Hands-on projects like image recognition, natural language processing (NLP), and data analysis using AI models

### FLUTTER & DART - THE COMPLETE GUIDE

Jan 2024

- Completed an extensive Flutter and Dart: The Complete Guide course, focusing on mobile app development from the ground up.
- Flutter fundamentals, including widget trees, state management, navigation, and animations.
- Hands-on projects for creating fully functional mobile apps, including managing app state with Provider and Riverpod.