

# Gabriel Babeux

## Personal Information

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## Experiences

### CDPQ (Caisse de dépôt et placement du Québec) - Developer

📅 08/2022 - 12/2022 📍 MONTREAL, CANADA

1. Developed and deployed new widgets for the CDPQ intranet.
  2. Implemented a caching system to increase the performance of the Digital Office.
  3. Completely refactored the Digital Office navigation menu (Montreal and international offices)
  4. Created and configured pipelines that process data from different APIs.
- Tech stack:** (React, Typescript, Node.js, Sharepoint, MSGraph, Azure Devops, Akumina, SnapLogic)

### Pivohub - Full Stack Developer

📅 01/2020 - 08/2022 📍 MONTREAL, CANADA

1. Developed a product recommendation micro-service with Flask (using an IBCF algorithm and containerized with Docker).
  2. Developed multiple new features such as: an order history module, an imperial to metric unit converter, a retailer dashboard, a PDF micro-service, retailers maps and much more.
  3. Refactored multiple React class components to functional components in order to improve performance and maintainability.
  4. Wrote migration scripts in order to transit the database collections to a new model.
  5. Participated and contributed to the Agile Scrum environment.
- Tech stack:** (React, Typescript, Node.js, Redux, MongoDB, Python, Flask, Docker, AWS)

### Ongoing - Full Stack Developer

📅 06/2019 - 08/2019 📍 MONTREAL, CANADA

1. Developed a magazine viewer in Javascript in order to be able to view magazines on the webapp.
  2. Developed a new feature to maintain logs of certain user actions and feedback (using Winston.js).
  3. Refactored a Wordpress plugin to be able to clean our media libraries on a regular basis to save disk space.
  4. Refactored a Trivia game in JS in order to add new features and allow multiple players to play simultaneously.
- Tech stack:** (Wordpress, Javascript, Node.js, PHP, Nginx)

### Pheidi - Full Stack Developer

📅 03/2019 - 05/2019 📍 MONTREAL, CANADA

1. Developed a reservation module for a spa company using Javascript, HTML, CSS for the frontend and SQL for the backend queries.
  2. Created multiple complex SQL queries, functions and stored procedures required for certain modules.
  3. Developed API endpoints for sensors that are using the MQTT protocol in order to feed information to a dashboard.
- Tech stack:** (C#, SQL, ASP.NET, Javascript, HTML, CSS)

## Education

École de technologie supérieure (ETS), Montreal 2019 - 08/2023  
Bachelor of Engineering in Software Engineering  
Cégep Édouard-Montpetit, Montreal 2016 - 2019  
College degree in computer technology

## Skills

### Programming Languages

Java, C#, Python

### Web Development

React, Typescript, Javascript, Redux, Node.js, Angular, HTML, CSS, ASP.NET

### Databases

MongoDB, SQL, PLSQL

### Devops

Git, Docker, AWS, Azure Devops

### Languages

French and English (bilingual spoken and written)