

# Gabriel Babeux

## Personal Information

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## Work experience

### Pivohub - Full Stack Developer

📅 01/2020 – present 📍 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, Git, 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.
5. Fixed multiple frontend and backend bugs on the platform.

**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)

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## Projects

### Personal projects

1. Created a steganography and a forensic challenge for a CTF competition (Hack'Em).
  2. Implemented a web scraper in Python that gets to the beer menu from Dieu du Ciel and stores it in a XML document in a scheduled manner.
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## 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

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## 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)