

# Martin-Pierre Frenette

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## Team leader and Senior Backend Developer with 20 Years of Experience Professional Scrum Master (PSM I)

### CAREER SUMMARY

- **Led and managed a team of up to 6 developers** to successfully **deliver on time and within budget** over 100 major projects between 2001 and 2017.
- **Built a successful Web development company** (Cablan.net) from 0 to **9 employees** while being profitable for 14 years in a row
- Became a renowned expert at salvaging failed projects others were unable to complete, often **under pressure and with very short deadlines**
- Expertise in **full stack technologies** based on **JavaScript** and **PHP**, as well as **REST APIs**, **Python**, **TypeScript** and **C#**
- Has optimized, merged, created and fixed **MySQL** and **MSSQL** databases of all sizes, some with over 50 million records, notably in the **Fintech** and **HIPAA** world

### EXPERIENCE

#### SENIOR FULL-STACK DEVELOPER

(2019)

[Thirdshelf / Fiska](#)

- Development of a **C#** payment software and its associated **Symfony REST API** back-end based on **JSON:API**, and a **REACTJS** front-end in **TypeScript**
- Development support on **Google Cloud Platform** and **AWS**
- Built and Deployed code using the **GitFlow** process, using **Jenkins** and **TestRail**

#### LEAD DEVELOPER

(2018-2019)

[EmpowerDB](#)

- Modernized custom database system hosted on **Google Cloud Platform**, built in **PHP**, **JQUERY** and **JavaScript**, by adding object-based libraries and refactoring code.
- Built a new reporting infrastructure to reduce the time to build reports
- Created a custom **Google Chrome extension** for employees
- Coded an **intelligent import system to migrate data** from other database formats
- Built a **Twilio** based VoIP system

#### TEAM LEADER OF CUSTOMER SUCCESS ENGINEERS

(2017-2018)

[Platform.sh](#)

- **Team leader of 11 Customer Success Engineers**
  - First person to ever coordinate two teams (USA and Europe) of Engineers
  - Built new optimized Tools to assist Engineers in **Python** and **JavaScript**
  - Created the first two levels technical exam to hire new engineers
- Customer Success Engineer for AWS cloud customers
  - Answered the most customer tickets per month, every month
  - Conducted Onboarding calls to help customers transition to **AWS**

## LEAD DEVELOPER/PROJECT MANAGER

(2001 – 2017)

[Cablan.net](#)

- **Team Lead / Project Manager**
  - Successfully delivered **on time and on budget over a hundred major projects** with **a team of 6 developers**, for clients including:
    - World Council of Churches
    - Fjord Interactive, a division of Cossette Communication
    - Ministry of Justice of Québec
    - Muscular Dystrophy Association Canada
    - Universitas Financial
    - Groundhog.org (The Punxsutawney Groundhog club)
    - FXDD Foreign Exchange Company
    - The Ontario School District of Oregon
    - Société de Transport de L'Outaouais
  - Technologies used: **PHP, JavaScript (JQUERY), HTML, CSS, MySQL, REST APIs, GIT, Unit Testing**, and **Test-Driven Development**

## SOFTWARE DEVELOPER / DATABASE DEVELOPER

(1998 – 2001)

[Avantron Technologies](#)

- Wrote real-time Windows Application
- Found a unique way to run multi-threaded database queries in the Microsoft Jet Engine later incorporated into Access 2000.
- Created 2 revolutionary libraries: Windowless controls to improve Windows UI speed, and the CGeneric Database Class (published in part on Code Project)

## TECHNOLOGIES

- **15 years or more:** PHP, MySQL, JavaScript, TYPO3, Linux Server Management
- **10-15 years:** JQUERY, AJAX, MSSQL, RESTful servers (REST API)
- **5-10 years:** Bootstrap, Git (including Gitflow), Responsive Web, VIM
- **2-5 years:** Access, AWS, Sublime Text
- **Under 2 years:** Python, Google Chrome Extensions, REACTJS, Vue.js, Laravel, Fat-Free Framework, Google Cloud Platform, Symfony

## OTHER PROFESSIONAL EXPERIENCE

- Acclaimed Speaker at the T3CON12 TYPO3 Framework conference in Québec city, presenting the virtual tt\_news system. (2012)
- Former Typehead for Canada for the TYPO3 Framework Association (2002-2008); volunteer TYPO3 Framework official representative for Canada, in charge of training new developers, making marketing material and teaching clients about TYPO3

## EDUCATION

### System Analysis and Design

[McGill University](#)

Evening classes for a Continuing Education Certificate. Top 5% of class

### Computer System Technologies

[Lionel-Groulx College](#)

Graduated **first** of class with **3 achievement awards**: Only student to **ever** win best of college for my program **twice** and **best of the province** from the Ordre des Technologues Professionnels.

**Languages:** Fluent in French and English