



# MAXIME GÉLINAS

LEAD DEVELOPER

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## PROFESSIONAL PROFILE

### EFFICIENT

Passionate expert who will quickly understand your code and who will effectively improve the development of your applications to accelerate the growth of your business.

### CURIOUS

Self-taught by nature, I don't need an excuse to make me want to learn and move forward. It is vital for me.

### INNOVATIVE

Always on the lookout for the best way to do it, I never settle for what is the old, comfortable way.

## HIGHLIGHTS

May 2022 – Dec 2022

AI • GCP • gRPC •  
NLU • Docker •  
Terraform • Python

### DELOITTE –LEAD DEVELOPER

- Develop a conversational artificial intelligence at Desjardins.
- Robotize the understanding and referral of phone calls from Desjardins members.
- Collaborate with experts from Google and Bell.
- Deploy Docker containers on GCP using Terraform.
- Develop a gRPC API with Python.

Jul 2021 – Jan 2022

DDD • CQRS •  
.NET/C# • Angular •  
Nx • Storybook

### DESJARDINS –LEAD DEVELOPER

- Guide and train the developers of the team.
- Architect an Angular monorepo app.
- Implement the concepts of DDD and CQRS.
- Integrate the system with internal Desjardins APIs.

May 2019 – Jan 2021

.NET/C# • Angular •  
Event Sourcing •  
CQRS • DDD • Azure •  
Firebase • Redux •  
Cypress

### ORDRE DES DENTISTES DU QC – FULLSTACK DEVELOPER

- Migrate the monolith in place to a microservices architecture on Azure.
- Solve the many complexities of an Event-Sourcing/CQRS system.
- Allow the user to record actions in the past and the future.
- Automate data reconstruction based on event history (projections).
- Synchronize data in real time with Angular, Firebase and Redux.
- Set up E2E tests with Cypress.

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## TECHNICAL SKILLS

### CONCEPTS

**DDD**

5 years

**CQRS**

4 years

**EVENT SOURCING**

3 years

**SCRUM**

7 ans d'exp

**MICROSERVICES**

5 ans d'exp

**SOLID • DRY • YAGNI**

7 ans d'exp



### TECHNOLOGIES

**C#/.NET**

6 years

**ANGULAR • NGRX**

6 years

**GRAPHQL**

3 years

**CYPRESS**

1 year

**NODE.JS**

5 years

**SQL SERVER**

3 years

**COSMOSDB**

1 year

**MONGODB**

1 year

**HTML/CSS**

7 years



### TOOLS

**AZURE**

1 year

**AZURE DEVOPS**

2 years

**VISUAL STUDIO**

6 years



### DESIGN PATTERNS

Optional object • Map-reduce • State • Strategy • Decorator • Factory • Builder • Chain of responsibility • Observer • Template method • Repository • Unit of Work • Null object • Special case

### OTHERS

REST • Typescript • Sass • NestJs • Docker • Webpack • Firebase • PostgreSQL • Nx • Git • F# • AngularJS • Java • C++ • PowerShell • Android • Xamarin • PHP • MySQL • Bootstrap • JQuery

## EXPERIENCES

Mar **2022** – May **2022**  
**DDD • CQRS • Azure •**  
**Terraform • React •**  
**Redux • PWA**

**CIRQUE DU SOLEIL – LEAD DEVELOPER**

- Introduce the concepts of DDD and CQRS to the Circus framework.
- Develop a React offline-first app.
- Set up the infrastructure as code with Terraform.
- Act as Scrum Master.
- Guide and train the developers of the team.

Jan **2021** – Jun **2021**  
**.NET/C# • Angular •**  
**Entity Framework •**  
**OpenID Connect •**  
**SQL Server**

**DESJARDINS – SENIOR DEVELOPER**

- Automate the Desjardins security investigation system.
- Allow a load of several thousand users.
- Implementation of the authentication process with the OpenID Connect.
- Integrate the system with many external security investigation services.

Oct **2018** – May **2019**  
**.NET/C# • ASP.NET •**  
**Entity Framework**

**ALLEMA – FULLSTACK DEVELOPER**

- Participate in the development of a wind turbine manufacturer's system.
- Participate in the development of a project management app.

Feb **2018** – Aug **2018**  
**.NET/C# • Angular •**  
**Microservices •**  
**MongoDB • Scrum •**  
**OpenID • PowerShell**

**SHERWEB – FULLSTACK DEVELOPER**

- Conceptualize and architect a microservices system.
- Automate monitoring of Office 365 account security vulnerabilities.
- Use Microsoft APIs via PowerShell and REST.
- Set up a multi-federation authentication service with OpenID Connect.
- Participate in architecture and Scrum meetings.

Nov **2017** – Feb **2018**  
**.NET/C# • REST •**  
**Entity Framework •**  
**Xamarin**

**GROUPE CTT – FULLSTACK DEVELOPER**

- Develop a mobile application for the Canadian Armed Forces.
- Secure and encrypt data transfer.
- Synchronize data in online/offline mode.
- Realize and deploy the entire REST API.

Oct **2016** – Oct **2017**  
**MySQL • Bootstrap •**  
**Javascript**

**E-3 SOLUTIONS – FULLSTACK DEVELOPER**

- Participate in the redesign of Le Devoir newspaper website.
- Implement native browser notifications with Service Worker.

May **2016** – Mar **2017**  
**.NET/C# • Angular •**  
**Scrum • DDD • REST**

**AXPER – FULLSTACK DEVELOPER**

- Develop a web app linked to a camera data acquisition system.
- Set up an Angular dashboard.
- Participate in sprint planning, daily scrum, and sprint retrospective meetings.

Mar **2015** – Mar **2017**  
**Start-ups •**  
**Entrepreneurship**

**SELF-EMPLOYED – ENTREPRENEUR**

- Engage in starting a website design business.
- Define and fulfill customer needs.

## ONLINE TRAINING

[Date and Time Fundamentals](#) • [Versioning in an Event Sourced System](#) by Greg Young • [Exploring CORS and Event Sourcing](#) • [CORS in Practice](#) • [Building a RESTful API with ASP.NET Core](#) • [Writing Purely Functional Code in C#](#) • [Making Your C# Code More Functional](#) • [Microservices Architecture](#) • [Developing with .NET on Microsoft Azure – Getting Started](#) • [Making your C# Code More Object-Oriented](#) • [Tactical Design Patterns in .NET: Creating Objects](#) • [Tactical Design Patterns in .NET: Control flow](#) • [Tactical Design Patterns in .NET: Managing Responsibilities](#) • [Writing Highly Maintainable Unit Tests](#)

## EDUCATION

### STUDIES IN BACCALAUREATE, COMPUTER SCIENCE (WITH INTERNSHIPS)

University of Sherbrooke, QC

**2 years**

### COLLEGIATE, COMPUTER SCIENCE

CEGEP of St-Hyacinthe, QC

**4 years**

## ADDITIONAL INFORMATION

### INTERESTS

Climbing • Kayaking • Hiking • Camping • Traveling • Martial Arts

### LANGUAGES

French (primary) • English (advanced)

