



MAXIME GÉLINAS

SENIOR DEVELOPER

Saint-Hubert, QC • (514) 970-2803 • mgelinas@softframe.net

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.

RECENT EXPERIENCES

Jul **2021** – Jan **2022**
DDD • CQRS •
.NET/C# • Angular •
Nx • Storybook

DESJARDINS – LEAD DEVELOPER

Support and training of the developers of the team. Architecture of an Angular monorepo app. Implementation of the concepts of DDD and CQRS. Communication with internal Desjardins services.

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

DESJARDINS – SENIOR DEVELOPER

Redesign of Desjardins' security screening system. Support for several thousand users. Development of the authentication process co-forming with the OpenID Connect standard. Communication with many external security screening services.

May **2019** – Jan **2021**
.NET/C# • Angular •
Event Sourcing •
CQRS • DDD • Azure •
Firebase • Redux •
Cypress

ORDRE DES DENTISTES DU QC – FULLSTACK DEVELOPER

Active participation in the architecture and redesign of the entire system of the Order where we have faced the many complexities related to a CQRS/ES system. Analysis and research on how to perform actions in the past and future using Event Sourcing. Contribution to the projection reconstruction system. Implementation of a real-time application with Angular, Firebase and NGXS. Configuring E2E tests with Cypress.

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TECHNICAL SKILLS

TECHNOLOGIES

C#/.NET
6 years



ANGULAR • NGRX
6 years



GRAPHQL
3 years



CYPRESS
1 year



NODE.JS
3 years



SQL SERVER
3 years



COSMOSDB
1 year



MONGODB
1 year



HTML/CSS
7 years



METHODOLOGIES

DDD
3 years



CQRS
2 years



EVENT SOURCING
1 year



SCRUM
5 years



MICROSERVICES
3 years



SOLID • DRY • YAGNI
5 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

JOB EXPERIENCES

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

ALLEMA – FULLSTACK DEVELOPER

Contribution on some part-time .NET/C# projects in parallel with the University. To ask for an efficient return despite a contribution of 10 hours / week and a great autonomy due to work and remotely evenings and weekends.

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

SHERWEB – FULLSTACK DEVELOPER

Designed a microservices application capable of monitoring security vulnerabilities in multiple Office 365 accounts using PowerShell and APIs provided by Microsoft. Participating in the analysis of a multi-federation authentication service using OpenID Connect. Participation in architecture meetings and all Scrum meetings.

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

GROUPE CTT – FULLSTACK DEVELOPER

Realization of a RESTful web service developed and deployed 100% by me to manage the backend side of a mobile application. Implementation of high security of client-server communications.

Oct **2016** – Oct **2017**
PHP • MySQL • Bootstrap • JQuery

E-3 SOLUTIONS – BACKEND DEVELOPER

Modification and adaptation of an ERP according to the requests of a client. Creation, maintenance and online publication of several informative sites. Remote work. Contribution to the website of the newspaper Le Devoir.

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

AXPER – FULLSTACK DEVELOPER

Development of a web application linked to a camera data acquisition system. Use of scrum methodology. Participation in Sprint Planning, Daily Scrums and Retrospective meetings.

Mar **2015** – Mar **2017**
AngularJS • PHP • MySQL • Bootstrap

IDMOBILES – OWNER

Starting my own part-time web development company. The job involves developing websites, interacting with customers, defining needs, evaluating priorities and time required for each task and deploying the sites online.

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](#)

PERSONAL PROJECTS

Sept 2019 – Nov 2020

**Node.js • GraphQL •
Angular • NgRx •
Cypress • Docker •
Azure • PostgreSQL**

LEARNUPFRONT – PROJET PERSONNEL

Realization of a pre-hiring training platform. Analysis of the business area. Development of an Angular client, a GraphQL API and a PostgreSQL database. Implementation of CI and automatic deployments on Azure. E2E tests with Cypress. Interactions with potential customers. Launch of the promotional website.

Déc 2018 – Oct 2019

**.NET/C# • DDD •
CQRS • Event
Sourcing • REST**

AIRVIEW

Realization of a fictitious project of booking airline tickets to synthesize and perfect my skills in DDD, CQRS, Event Sourcing and REST. This project aims to first facilitate my learning by using a concrete application case and to help me target the generalizable code and then move it to SolidStack.

Févr 2018 – Juill 2019

**.NET/C# • DDD •
CQRS • Event
Sourcing • REST**

SOLIDSTACK

of a .NET framework to facilitate the implementation of a project focused on the following methodologies: DDD, CQRS, Event Sourcing and REST. The project is therefore made up of several NuGet packages in which we find several design patterns including the following: Option, Repository, Unit of Work, Value Object.

OTHER ACHIEVEMENTS

Jul 2017 – Sept 2017

**PHP • MySQL • Web
Notifications •
Service Worker**

JOURNAL LE DEVOIR – E-3 SOLUTIONS

Adaptation of the new client web platform of the popular newspaper Le Devoir with existing server features. Added client-side and server-side browser notifications with Service Worker and Google's API.

Nov 2016 – Feb 2017

**AngularJS • PHP •
HTML/CSS • MySQL**

PHYSIO DES PATRIOTES – IDMOBILES

Creation of a basic informative website with a CMS and an HTML/CSS theme built from scratch.

May 2016 – Aug 2016

**AngularJS • PHP •
HTML/CSS • MySQL**

MICHEL ROBICHAUD – IDMOBILES

Construction of a real estate website synchronized with Centris real estate data and implementation of a newsletter.

EDUCATION

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)

