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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. | | | | | |
| **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. | | | | |
| **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 | | | | | | | | |

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| **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. |

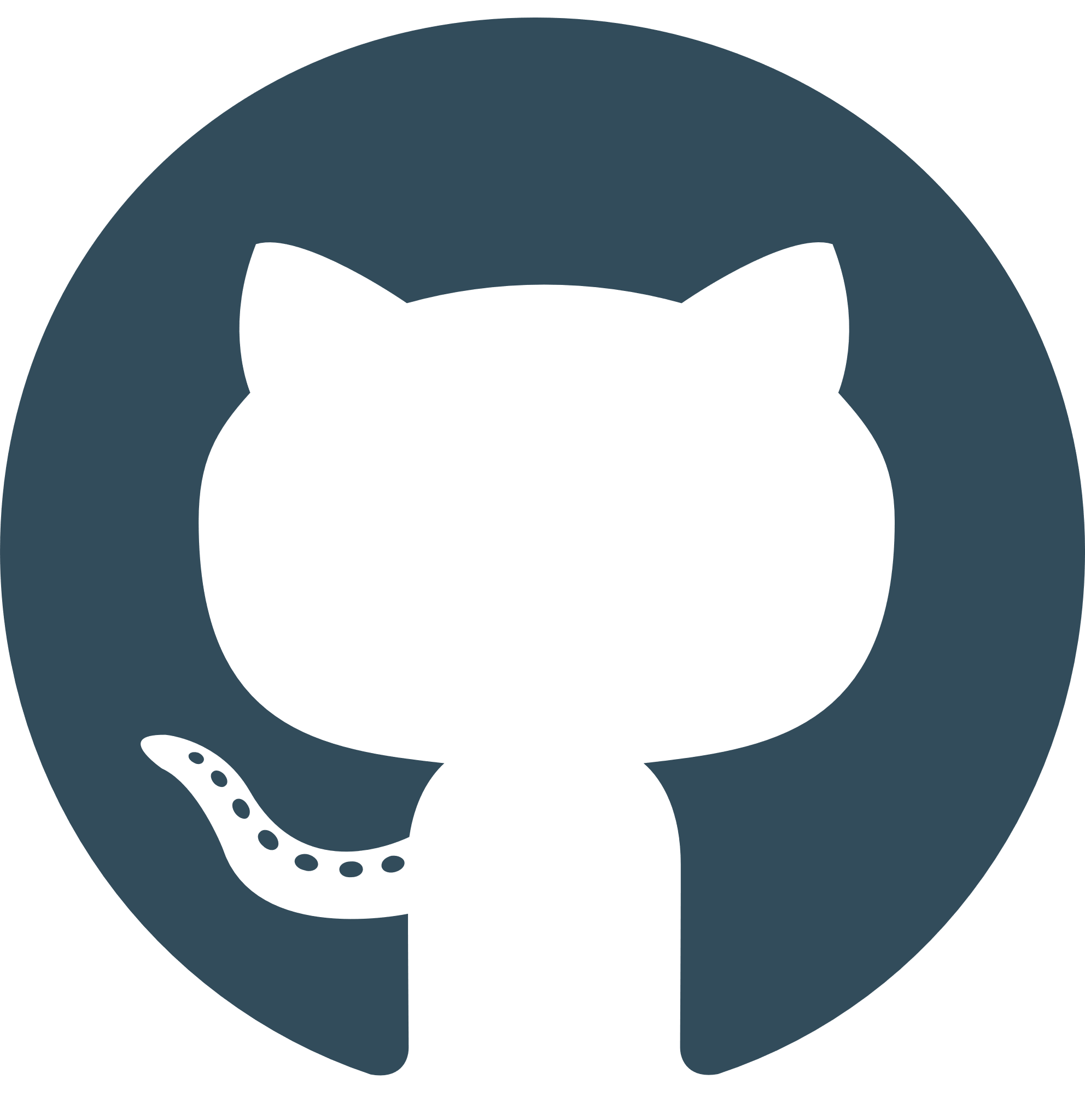
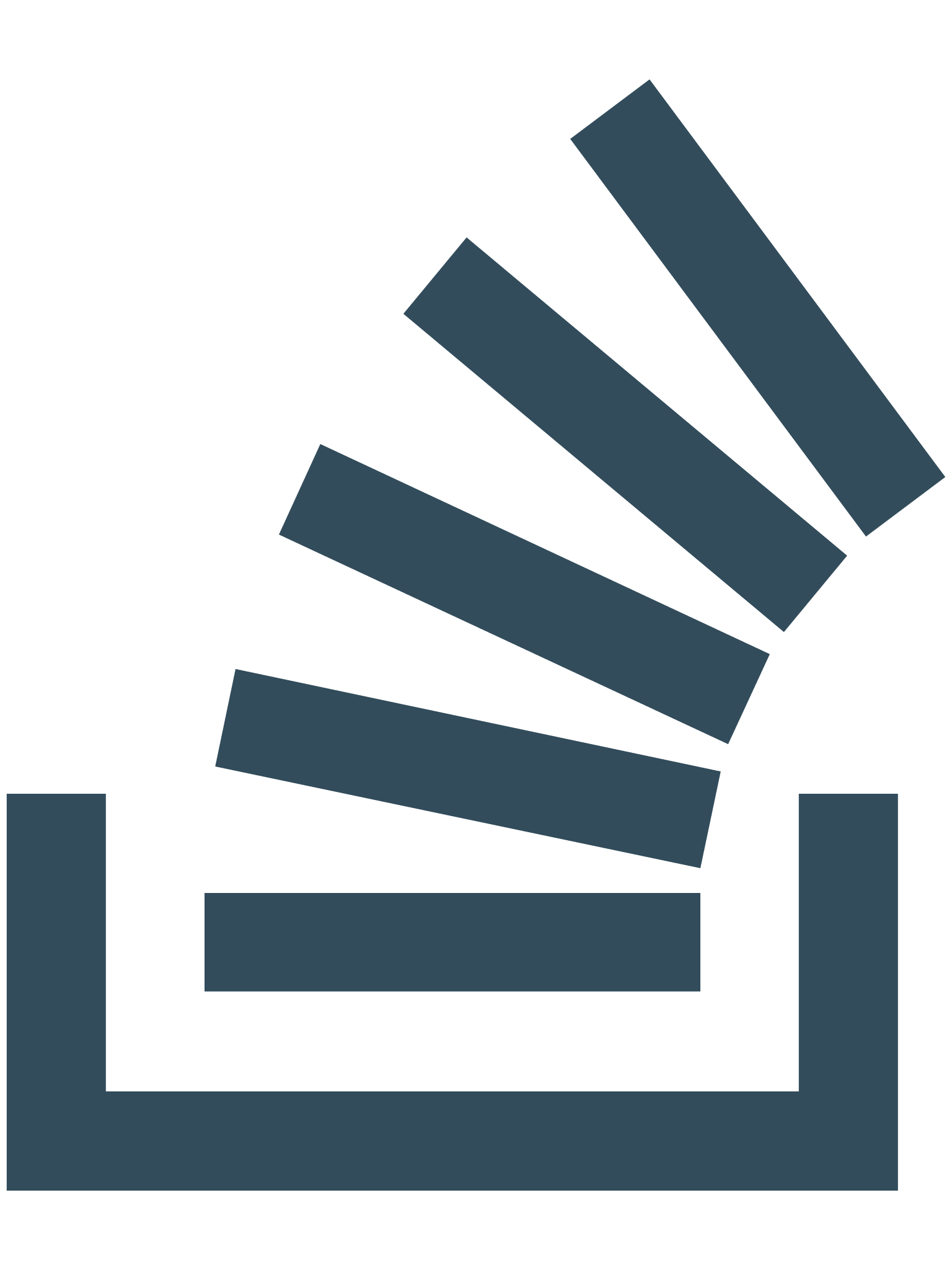
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| **ONLINE TRAINING** |
| [Date and Time Fundamentals](https://www.pluralsight.com/courses/date-time-fundamentals) • [Versioning in an Event Sourced System by Greg Young](https://leanpub.com/esversioning)  • [Exploring CQRS and Event Sourcing](http://aka.ms/cqrs) • [CQRS in Practice](https://www.pluralsight.com/courses/cqrs-in-practice) • [Building a RESTful API with ASP.NET Core](https://www.pluralsight.com/courses/asp-dot-net-core-restful-api-building) • [Writing Purely Functional Code in C#](https://www.pluralsight.com/courses/writing-purely-functional-code-csharp) • [Making Your C# Code More Functional](https://www.pluralsight.com/courses/making-functional-csharp) • [Microservices Architecture](https://www.pluralsight.com/courses/microservices-architecture) • [Developing with .NET on Microsoft Azure – Getting Started](https://www.pluralsight.com/courses/developing-dotnet-microsoft-azure-getting-started) • [Making your C# Code More Object-Oriented](https://www.pluralsight.com/courses/c-sharp-code-more-object-oriented) • [Tactical Design Patterns in .NET: Creating Objects](https://www.pluralsight.com/courses/tactical-design-patternsdot-net) • [Tactical Design Patterns in .NET: Control flow](https://www.pluralsight.com/courses/tactical-design-patterns-dot-net-control-flow) • [Tactical Design Patterns in .NET: Managing Responsibilities](https://www.pluralsight.com/courses/tactical-design-patterns-dotnet-managing-responsibilities) • [Writing Highly Maintainable Unit Tests](https://www.pluralsight.com/courses/writing-highly-maintainable-unit-tests) |

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| **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**](https://github.com/maximegelinas/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**](https://github.com/maximegelinas/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. |

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| **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. |

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| **EDUCATION** | |
| **BACCALAUREATE, COMPUTER SCIENCE** (WITH INTERNSHIPS)  University of Sherbrooke, QC | **2 years** | |
| **COLLEGIATE, COMPUTER SCIENCE**  CEGEP of St-Hyacinthe, QC | **4 years** | |

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| **ADDITIONAL INFORMATION** | |
| **INTERESTS** | Climbing • Kayaking • Hiking • Camping • Traveling • Martial Arts |
| **LANGUAGES** | French (primary) • English (advanced) |

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