Paul CHEVILLEY

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Web technologies enthusiast with a passion for designing scalable architectures and crafting intuitive UI/UX experiences.

Frontend Architect

Professional experiences

JULY 2018 – TODAY › CYNCLY (formerly 2020 Technologies) › *CHIEF ARCHITECT – FRONT END*

LAVAL, QC, CANADA

Cyncly provides solutions to help furniture retailers (Ikea, Lowes, B&Q...) to increase their sales. Part of the R&D team, I worked on Ideal Spaces, a web-based application allowing the retailers to design rooms in collaboration with their clients as well as internal tools to author the catalogs.

> Directed the development of an internal tool for editing 3D and commercial content, with a fully dynamic UI driven by JSON schemas. This tool became the foundation of a new React application.
> Defined the UX and frontend architecture of the new app in collaboration with the UX team and Product Managers. Guided developers through story definitions, code reviews, and task assignments to launch the project, before handing it over to the team lead.
> Created a Design System library using StencilJS to standardize and share the new company colors across teams.

JULY 2018 – TODAY › 2020 TECHNOLOGIES › *TEAM LEADER – FRONT END*

LAVAL, QC, CANADA

> Leading a team of 4 developers working on the front-end stack of Ideal Spaces. Ensuring the good quality of the code hitting the production and the respect of the best practices.
> Design of an architecture to move toward continuous delivery in a multi-tenant context. Introduced unit tests, micro frontends and telemetry in the front-end layer. Modernizing the code base by moving to ReactJS and replacing Grunt by Webpack.
> Working closely with the Product Design team to define the future experiences. The first project was a redesign of the mobile experience.

NOVEMBER 2014 – JULY 2018 › 2020 TECHNOLOGIES › *FRONT END DEVELOPER*

LAVAL, QC, CANADA

> Design of an algorithm which smartly places items in the 3D room with JavaScript. The different behaviors are defined in a configuration file wrote in JSON. Besides avoiding colliding, the items are placed following logical rules (e.g. Hoods are placed above ranges).
> Design of a new page listing the items, their price, and allows some actions like adding or removing products. (LESS, CSS3, JS, Backbone.js)
> Improvement of the performances of the UI Framework (JS, requirejs), the UI (Backbone.js, jQuery, Grunt), and the 3D interactions with the player.

JUNE 2013 – OCTOBER 2014 › SC360 › *DEVELOPER*
MONTREAL, QC, CANADA

SC360 manages technicians for large telecommunications enterprises (Rogers, Videotron). As the only programmer, I was responsible for all the applications developed by the company.

> Creation of web-based applications used internally (Mobile and Desktop) to manage employees, inventories, and to generate reports from different data sources like MS SQL and MySQL databases, XML and CSV files (PHP, Symfony 2, jQuery)
> Maintenance of existing applications (PHP, Java and C#)
> Linux servers administration (Ubuntu Server 12, Postfix, Apache2, Tomcat, MySQL)

Training

PROMOTION 2014 › MASTER OF SCIENCE › *SUPINFO INTERNATIONAL UNIVERSITY*

> Toulouse (1 year) and Montreal (2 years)
> Master's degree

PROMOTION 2011 › D.U.T. GENIE INFORMATIQUE › *PAUL SABATIER UNIVERSITY, TOULOUSE*

> Equivalent to a 2 years technical degree in computing science.

Skills

ENGLISH ›
Fluent

DEVELOPMENT ›
Languages:
JavaScript, TypeScript, C#, Java, PHP, SQL, HTML, CSS, LESS, SASS

Frameworks:
React, ASP.NET, Symfony 2, Angular, Node.js, jQuery, Backbone.js

Management & Design:
Merise, UML, Agile methodolies

Environments:
MS SQL Server, MySQL, Access, Oracle, Linux, Windows, Windows Azure, VMWare

Hobbies

PERSONAL SOFTWARE PROJECTS ›
Experimentation of different technologies (Dart, Flutter, Angular) with side projects.

MUSIC ›
Studied orchestral percussions 11 years in the Higher National Conservatory for Music of Montauban.

SPORT ›
Practicing triathlon for 4 years. Currently preparing to take part of the 70.3 IronMan in Mont Tremblant.

NEW WEB TECHNOLOGIES ›
Attending conferences about new programming languages and frameworks. Reading books and online articles (especially about CSS, JS Frameworks and frontend architecture).