ALEXANDRU CONSTANTIN
FRONT END DEVELOPER

362 La Prairie, Quebec, J5R0T9 | alexandru.constantin@gmail.com | 514549757

Front-End Developer with three years of experience, dedicated to creating user-friendly interfaces and functional web applications. Skilled in Angular, React, and Vue frameworks, I enjoy designing UIs that prioritize simplicity and usability. Additionally, I'm comfortable handling backend tasks when needed. By staying informed about industry trends and TDD mindset, I aim to continuously improve and deliver quality results.

SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems | Windows • macOS • Linux

Applications | Microsoft Visual Studio • Eclipse • NetBeans • JetBrains (IntelijIDEA, PHP Storm, PyCharm) • VS Code

Programming Languages | JavaScript/TypeScript • PHP • Python • C++ • C# • Java

Backend Frameworks | Java EE • Spring • Asp.Net • Express • Django • Laravel

Frontend Frameworks | Vue • React • Angular

CSS Libraries | Tailwind • Bootstrap

Tools | Jira • GitHub • Docker

UX | Adobe XD, Figma

Languages | English: Spoken & Written • French: Spoken & Written

EXPERIENCE

Front End Developer   Jan 2023 - Jun 2024
Flyscan | Quebec

Flyscan delivers aerial inspection of petrol pipelines using the highest technology to scan and capture images. The process of detecting and reporting multiple potential threats is automated. The software applications involved are Scanner (Linux, .NET), pilot tablets (React), image processing (Matlab), and reporting (PHP, Laravel).

Tech Stack
- Front End: Vue, React, Inertia js, Pinia
- Back End: Laravel
- Data base: MySQL

- CSS: Tailwind
- Tools: Git, Docker
- Testing: Pest and Dusk
- UX: Figma

Some of specific features Implemented by me
- Feature: User Authentication and Authorization
  - Description: Implemented secure user authentication and authorization mechanisms, including user registration, login, and role-based access control
  - Technologies used: Laravel, JWT (JSON Web Tokens)
  - Impact: Enhanced security and user management, contributing to a safer and more reliable platform
- Feature: Infinite scroll
  - Description: I Implemented infinite scroll functionality to load additional content as the user scrolls down the page, enhancing the user experience by providing a seamless and continuous content flow.
  - Technologies used: Vue, Intersection Observer API, Axios, Laravel
  - Impact: Improved user engagement by reducing load times and enhancing the browsing experience
- Feature: Date picker
  - Description: Developed a custom date picker component to improve the user experience for selecting dates, including support for date ranges and validations
  - Technologies used: Vue, Vue Date Picker, Laravel
  - Impact: Enhanced user interaction with forms
- Feature: Client administration
  - Description: Developed a comprehensive client administration module to manage client information, including CRUD operations (Create, Read, Update, Delete), search functionality, and user role management.
  - Technologies used: Vue, Laravel
  - Impact: Streamlined client management processes, reducing administrative workload
- Feature: Drop down
  - Description: Created a custom drop-down component to enhance form usability, supporting dynamic content loading, multi-select options, and accessibility features.
  - Technologies used: Vue, Axios, Laravel
  - Impact: Improved form interaction efficiency
- Feature: Carousel
  - Description: Developed a carousel component for displaying images. The user can select the image for editing
  - Technologies used: Vue
  - Impact: Enhanced visual presentation and user interaction on the website
- Feature: Automatic Reporting
  - Description: Developed an automatic reporting system to generate and distribute scheduled and on-demand reports, including data visualization and export options.

- o Technologies used: Vue, Browsershot
- o Impact: Streamlined the reporting process, reducing manual effort by 50%
- Feature: UI design
  - o Description: Create mockups for multiple pages / functionalities.
  - o Technologies used: Figma
  - o Impact: Create a better visual display
- Feature: Browser Notification
  - o Description: The user will get notification in browser / system
  - o Technologies used: JavaScript
  - o Impact: The user will be notified when an events occurred

Front End Developer Intern
Dec 2021 - Dec 2022

Zmartests | Montreal

Zmartests offers Microsoft Office and Language Skills Tests Solution.

Tech Stack
- Front End: Blazor
- Back End: .Net
- Data base: SQL

Front End Developer
Nov.2020 - May 2021

Nixa | Montreal

Nixa is a web agency

Tech Stack
- Front End: Angular
- Back End: Django
- Data base: MySQL
- CSS: Bootstrap, SASS
- Tools: Git, Docker
- UI: Figma

I worked in several projects with diverse technologies.

- Project E-commerce
  - o Description: E-commerce project for construction industry
  - o Technologies used: Symphony, JavaScript, Bootstrap, SASS
  - o My role: front end developer

- CMS
  - Description: CMS for an institution
  - Technologies used: Wagtail, JavaScript, Bootstrap, SASS
  - My role: front end developer
- Web application
  - Description: Web application for a financial institution
  - Technologies used: Ionic, Angular
  - My role: front end developer

Front End Developer   Jan.2020 -Nov 2020
Consoltec | Montreal

Consoltec offers a translation management system

Tech Stack
- Front End: Angular
- Back End: .Net
- Data base: SQL
- CSS: Bootstrap
- UI: Kendo

Create new functionalities, bugs fixed, make pages responsive and accessible.

EDUCATION

AEC in Software Engineering   2021-2023
Cegep Gerald - Godin, Montreal, QC
Relevant Courses: Java, Java EE and Spring, C#, Asp.Net, JavaScript, React, Express, PHP, Laravel

Continue Education in Software Engineering   2021
Cegep de Saint-Hyacinthe, Saint-Hyacinthe, QC
Courses: ASP.net and React

AEC in Software Engineering   2019-2020
Vanier College, Montreal, QC
Relevant Courses: Java, Java EE, JavaScript, C++, Data Structure and Algorithms

Master's in human resources
Alexandru Ioan Cuza University, Iasi, Romania

2002-2004

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