

# SYLVAIN DERORY FRONTEND WEB ENGINEER

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## Contact Details

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United States

## Links

Linkedin :

[linkedin.com/in/sylvain-derory-0398a1184](https://www.linkedin.com/in/sylvain-derory-0398a1184)

Github :

[https://github.com/](https://github.com/JeanPec)

[JeanPec](https://github.com/JeanPec)

<https://github.com/vect-sderory>

## Profile

- FrontEnd Web Engineer, 4 years of experience,
- Master in Sciences, Major in Electronic and Industrial Software Engineering

## Interest

- Adult Amateur Rugby
- Former Elite Wrestling Athlete
- US Football
- History

## Experience

**Frontend Web Engineer ,VECTICE ; San Francisco, United States — Feb 2022**

<https://www.vectice.com/>

- Web application development with Typescript React on a SaaS solution to manage Data-Science Team.
- Integration and Unit Test using Jest, Apollo client testing.
- Created our own component from HTML elements
- Development of a stand-alone graphical library for graph generation with Visx
- Optimize cache management with GraphQL to provide the best UX.
- Interact with the design and product team to optimize the UX. (Figma, Jira)

**FrontEnd HMI Consulting Engineer SEREL through MCA; Belgium — Sep 2021 - Feb 2022**

<https://www.serel.com/en/>; <https://mca-groupe.com/>

- Developed Supervision Software for sensors on a textile production line.
- Define needs and design with the client.
- Developed in Qt Quick, QML. Use of Pcan protocol to exchange with the sensors.
- Implementation of DevOps tools (doxygen, GitHub ...)
- Development of detail documentation of the UI and the codebase.

**Electronic Apprentice Student Engineer, ADDI-DATA GmbH ; Germany — 2018 - 2021**

<https://addi-data.com>

- Refactored web application for a smart Ethernet data logger from Lua script to Angular 11 in TypeScript using Bootstrap 4.
- Redesign the application with new Company Branding.
- Developed Middleware to communicate with the device using HTTP requests.
- Smoke Test of the smart Ethernet data logger.
- Automated logs process between embedded system and a car on GNU Octave.
- Developed in C# a Motor Visualisation System. Developed Test for the HMI integration.

## Education

**Engineering School Télécom Physique Strasbourg, France — 2018-2021**

**Master of Sciences, Major in Electronic and Industrial Software Engineering**

<http://www.telecom-physique.fr/en/school/about-us/>

- Alternate between two weeks of School and two weeks of Work (Apprenticeship)
- Practical Courses (User chat coded in C language using Data Socket, TCP connection between process, pipe)

**INSA Strasbourg ; Strasbourg, France — 2016-2018 Undergraduate Preparatory Class**

<https://www.insa-strasbourg.fr/en/>

- Preparatory Classes: Computer Science, Electricity, Math, Physics
- Practical Courses: Library coded in Java language, manage loan, date of borrowing of books

## Linguistic Skills

- English: CECRL C1 Professional working proficiency, TOEIC certification 990/990
- German: CECRL B2 Professional working proficiency

## Technical Skills

- Programming: TypeScript, Javascript, HTML, CSS, SCSS, Apollo GraphQL, Jest test, React, Qt, QML, C, C++, Python, Java, MATLAB, Octave, C #, OpenCV
  - Operating System: Windows 10, Windows 7, Linux, QNX, MacOS
  - Soft Skills: Teamwork, Interdependency, UX mindset
  - Office Tools: Jira, Doxygen, Figma, Slack, GitHub, SVN, Microsoft Word, Excel, Powerpoint, Page
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