

# Jerome Depotter

## SOFTWARE ENGINEER

**Innovative senior software engineer** offering more than 7 years in the full software and website development lifecycle. Have worked in different domains: oil and gas services, telecommunications, healthcare software.

**Polyglotte software engineer** able to play with various languages such as C#, Python or JavaScript. Always motivated to improve my skills and learn new technologies.

**Good abilities to understand customer needs** in order to release the best product. Dynamic communication skills.

**Known for having excellent troubleshooting skills** and be able to analyze code to quickly resolve issues and propose cost-effective and responsive solutions.

### PERSONAL INFORMATIONS

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Los Angeles

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**Website:** <http://www.jeromedepotter.com/>

**Github:** <https://github.com/jdepotter>

### SKILLS

<b>Development</b>	C#, Python, Node.js, Vue.js, jQuery, C++, SQL, HTML, CSS, ASP.NET WebForm and MVC5
<b>Technologies</b>	REST API, Web Socket, Docker, AWS
<b>Databases</b>	SQL Server, PostgreSQL, MongoDB
<b>Tools</b>	Git, Visual Studio, Visual Studio Code, IntelliJ, Atlassian Suite (Bitbucket, Bamboo, Jira, ...), Octopus
<b>Languages</b>	French (Native speaker), English (Fluent), Spanish (Educational)

### EXPERIENCE

<b>Present</b>	<b>Full-Stack Software Engineer</b>
<b>Nov. 2015</b>	<b>Transplant Connect (Los Angeles)</b> <i>C#, ASP.NET MVC 5 and Webform, SQL Server, REST API, HTML, CSS, jQuery, Node.js, Vue.js, Python</i> <ul style="list-style-type: none"><li>• Work on iTransplant, a web Donation and Transplantation Platform used by Organ Transplantation Agencies in the US, Canada and Australia</li><li>• Software Engineer front and back end on iTransplant. Working in a team of 15 developers</li><li>• Design and implement new features on iTransplant such as new pages, new components and API interfaces</li><li>• Participate to estimation meetings and deployment of new releases using Bitbucket, Bamboo and Octopus</li><li>• Work on several other projects to improve code quality and develop tools used by the team</li></ul>
<b>Jun. 2020</b>	<b>Senior Software Engineer</b>
<b>Jan. 2019</b>	<b>Schlumberger (Remote)</b> <i>Node.js, Vue.js, Python, Protobuf, ZMQ Socket, Web Socket, PostgreSQL, Postgis, Docker, Arcgis</i> <ul style="list-style-type: none"><li>• Work on a research project to supervise an autonomous subsea robot used to inspect subsea petroleum assets</li><li>• Develop front and back end of a web app used to supervise communications with a wireless subsea robot</li><li>• Develop front and back end of a web app used to visualize and positioned in a 3D map, subsea equipments and the robot</li></ul>
<b>Nov. 2016</b>	<b>Embedded Software Engineer</b>
<b>Nov. 2015</b>	<b>Insensi (New York)</b> <i>C, C++, WebRTC</i> <ul style="list-style-type: none"><li>• Design and program in C and C++ the integration of a Bluetooth handset of a smart home phone based on Android</li><li>• Work on the improvement of VP8 video decoding using hardware decoding</li></ul>
<b>Nov. 2015</b>	<b>Software Engineer</b>
<b>Jan. 2013</b>	<b>Schlumberger (Paris)</b> <i>C#, WPF, SQL</i> <ul style="list-style-type: none"><li>• Software engineer on a flagship project for Donwhole Testing. This project brings real time communication between surface and downhole tools using acoustic telemetry. It permits to save time and millions of dollars during reservoir characterization</li><li>• Design and develop in C# and WPF the monitoring and acquisition software used at the surface</li><li>• Define new functionalities to improve the software and enable teams on the field to deliver the best services to the final client</li><li>• Provide a reactive and efficient support for teams on the field</li></ul>
<b>Sep. 2012</b>	<b>Software Engineer Trainee</b>
<b>Apr. 2012</b>	<b>Thales (Paris)</b> <i>C++, C#, WPF</i> <ul style="list-style-type: none"><li>• Design and program in C++ a countermeasure system for a military aircraft simulator</li><li>• Design and program in C# and WPF, on my proposal, a testing platform using Bing Map to place threats and MS Flight Simulator to manage aircraft position</li></ul>

### EDUCATION

<b>2014</b>	<b>Training on Mining Massive Dataset</b> Coursera, online learning platform
<b>2012</b>	<b>Master Degree in Computer Science</b> INSA Lyon, a top leading French engineering institute in computer science
<b>2009</b>	<b>Bachelor Degree in Software and Firmware Science</b> University Paul Sabatier, Toulouse, France , DUT Electrical Engineering and Industrial Computer Science
<b>2006</b>	<b>Baccalauréat Scientifique (High School Diploma) awarded with honors</b> High school Denis Diderot, Narbonne, France