

# 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.

**Polyglot 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://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. 2016</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 Downhole Testing. This project brings real-time communication between the surface and the 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 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