Jerome Depotter

SOFTWARE ENGINEER

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Innovative senior software engineer offering more than 8 years in the full software and website development lifecycle. Have worked in different industries: oil and gas services, telecommunications, healthcare software.

Polyglot software engineer able to play with various languages such as C#, Python or JavaScript. Proven ability to work and quickly adapt to multiple 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.

SKILLS

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

EXPERIENCE

Present
Nov. 2016

Full-Stack Software Engineer
Transplant Connect (Los Angeles)
C#, ASP.NET MVC 5 and Webform, SQL Server, REST API, HTML, CSS, jQuery, Node.js, Vue.js, Python, AWS

- Work on iTransplant, a web Donation and Transplantation Platform used by Organ Transplantation Agencies in the US, Canada and Australia
- Software Engineer front and back end on iTransplant. Working in a team of 15 developers
- Design and implement new features on iTransplant such as new pages, new components and API interfaces
- Participate to estimation meetings and production deployment of new releases using Bitbucket, Bamboo and Octopus
- Handle client reported production issues that need development support and implement patches and hotfixes
- Work on several other projects to improve code quality and develop tools used by the team

Jun. 2020
Jan. 2019

Senior Software Engineer
Schlumberger (Remote)
Node.js, Vue.js, Python, Protobuf, ZMQ Socket, Web Socket, PostgresSQL, Postgis, Docker, Arcgis

- Work on a research project to supervise an autonomous subsea robot used to inspect subsea petroleum assets
- Develop front and back end of a web app used to supervise communications with a wireless subsea robot
- Develop front and back end of a web app used to visualize and positioned in a 3D map, subsea equipments and the robot

Nov. 2016
Nov. 2015

Embedded Software Engineer
Insensi (New York)
C, C++, WebRTC

- Design and program in C and C++ the integration of a Bluetooth handset of a smart home phone based on Android
- Work on the improvement of VP8 video decoding using hardware decoding

Nov. 2015
Jan. 2013

Software Engineer
Schlumberger (Paris)
C#, WPF, SQL

- 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
- Design and develop in C# and WPF the monitoring and acquisition software used at the surface
- Define new functionalities to improve the software and enable teams on the field to deliver the best services to the final client
- Provide reactive and efficient support for teams on the field

Sep. 2012
Apr. 2012

Software Engineer Trainee
Thales (Paris)
C++, C#, WPF

- Design and program in C++ a countermeasure system for a military aircraft simulator
- 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

EDUCATION

2014
Training on Mining Massive Dataset
Coursera, online learning platform

2012
Master Degree in Computer Science
INSA Lyon, a top leading French engineering institute in computer science

2009
Bachelor Degree in Software and Firmware Science
University Paul Sabatier, Toulouse, France , DUT Electrical Engineering and Industrial Computer Science

2006
Baccalauréat Scientifique (High School Diploma) awarded with honors
High school Denis Diderot, Narbonne, France