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 with 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, Azure
Databases	SQL Server, PostgresSQL, NoSQL databases
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, Bamboo, Octopus

- 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 hot-fixes
- 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, Arcs

- Work on **Aquatic Monitoring**, a research project to supervise an **AUV**, **Autonomous Under-water Vehicle** used to inspect **subsea petroleum assets**
- **Develop front and back end** of a web app used to **monitor 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 AUV

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 **Ily**, 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 **Muzic Acquisition**, 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** the monitoring and acquisition software used at the surface
- **Define new features** 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 c**ountermeasure system** for a military aircraft simulator
- **Design and program** in C# and WPF 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