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## JULIEN DEMESY – FULL STACK DEVELOPER

### SKILLS & ABILITIES

#### PROGRAMMING LANGUAGES

HTML5, CSS3, C/C++, JavaScript, PHP, Python, C#, Java, Swift, Kotlin

#### FRONTEND FRAMEWORKS

Angular, React, Ionic, BackboneJS, jQuery

#### BACKEND FRAMEWORKS

Node.js, Express, Django, ASP .NET, CakePHP, Zend

#### DATABASES

Administration, installation, configuration and design in the following systems:

MySQL/MariaDB, Teradata, Oracle, PostgreSQL, Microsoft SQL, MongoDB

#### SYSTEMS AND SERVERS

Configuration, installation and administration of: UNIX/Linux, Windows Server, Apache2, Nginx, SSL Certificates, OpenVPN, Wireguard, OpenLDAP, DNS, SFTP, SSH, Asterisk, FreeSwitch, and more

#### SECURITY

Auditing, Ethical Hacking, Pen testing, Kali Linux expert

#### LANGUAGES

French (Native language), Fluent English, intermediate German, Basic Czech

#### TERADATA CERTIFICATES

Teradata Certified Database Administrator Certificate # WGVGL71CLEV4QGWE

Teradata Certified Database Associate Certificate # DQWS94CCBBR4QPC3

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### EXPERIENCE

#### BI ENGINEER / KB, PRAGUE, CZECHIA

04/2019 – 05/2020

Responsible for data extractions, transfers and harmonization from multiple sources from multiple foreign entities in order to integrate them in the KB data warehouse for BI reports. Developed internal Python tools.

#### CONSULTANT DBA AND JAVASCRIPT FRONTEND DEVELOPER / TERADATA, PRAGUE, CZECHIA

12/2016 – 04/2019

DBA on production and development Teradata/Hadoop environments for French banking and retail customers. Since June 2018, I am frontend AngularJS developer for GUIs of big data banking applications.

#### SOLUTION ARCHITECT, DEVELOPER, SECURITY EXPERT / FREELANCE, STRASBOURG, FRANCE

09/2015 – 12/2016

Web, iOS and Android development using native and hybrid technologies. Design of cloud computing solutions and security audits for medical data processing applications.

**SOLUTION ARCHITECT AND DEVELOPER / COBJECT, BURNHAUPT-LE-HAUT, FRANCE**

06/2014 – 10/2016

IoT home security industry. Highly available private cloud network infrastructure design and implementation. Data model design and mobile hybrid development. Electronic design and embedded development.

**MICROSOFT AZURE CLOUD ENGINEER / SOGETI, STRASBOURG, FRANCE**

02/2014 – 06/2014

Research and development of cloud computing solutions using Microsoft Azure technologies to find new business opportunities for Sogeti and their customers.

**WEB APPLICATION DEVELOPER / ORANGE BUSINESS SERVICES, STRASBOURG, FRANCE**

06/2013 – 11/2013

Internal PHP Zend Framework web application development and data model design for workflow management and KPI reporting.

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**EDUCATION****THE ULTIMATE HANDS-ON HADOOP, UDEMY - SUNDOG EDUCATION**

07/2018 – 10/2018

**DATA SCIENCE SPECIALIZATION, COURSERA – JOHN HOPKINS UNIVERSITY**

09/2017 – 06/2018

**SUPINFO INTERNATIONAL UNIVERSITY, STRASBOURG, FRANCE**

2013 – 2016

Master of Science in Computer Science with Specialization in Security

**EPITECH, STRASBOURG, FRANCE**

2011 – 2013

Bachelor of Science in Computer Science. Specialized in Low Level Development and Architecture

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**OTHER EXPERIENCE****IPIPI PROJECT, HACKING HEALTH CAMP 2015, STRASBOURG, FRANCE**

Hackathon dedicated to healthcare. iPipi is a mobile application associated to a urine testing connected device, made to detect infections, pregnancy and other health issues at very early stages. Awarded Hacking Health Choice Award.

**XWINPWN, FIRST WINDOWS IOS 2.0 JAILBREAK, PERSONAL PROJECT**

As a personal project and challenge, I developed the first publicly available jailbreak for iOS 2 compatible with Microsoft Windows, in 40 hours. More information: <https://www.iclarified.com/1566/xwinpwn-01-released>

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**INTERESTS**

Music production (playing violin, piano, guitar and bass)

Plane pilot (holder of a private pilot license)

Science and electronics, DIY projects