Clément Désiles

Presales engineer & Lead developer

👤 31 years old　　✉ clementdesilesfr@gmail.com

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Experience

Presales engineer, Hoppen (ex. Télécom Santé), Rennes (France)　　*since June 2016 – 4 years*

Presales: call for tenders (public, private), design and setup of demo kits, showrooms, witness rooms, and costings.

Export: Key Account Manager of deployments and demos, engineering technical officer of international sales (Europe, UK, Middle East), co-organization and participation to top international exhibitions (ex: Arab Health).

Lead dev: on a mission to increase quality and productivity, structuring tools and practices of our growing technical teams. Hoppen counts 300+ employees by 2020.

Interoperability with: medical records, medical imaging, meal ordering, invoicing, `CMMS`, `SSO`, and home automation (`Siemens`, `KNX`).

Security: risk assessment, hardening, audit and monitoring, experience with payment and authentication systems.

Accessibility: responsible from R&D budget estimation to protoype deployment of an HMI dedicated to disabled people. Telethesis, eye tracking, and communication apps.

Software architect, Revevol, Milan (Italy)　　*May 2015 to May 2016 – 1 year*

Design and devops of a `Google App Engine` application for the Lafarge-Holcim (global leader in building materials) intranet. 60,000 users.

Air Liquide's datacenter archives migration to the cloud: design of a distributed web app (US/Europe) with `MongoDB shards`, hosted on the `GCP`.

Maintenance of an IAM `Google Apps for Work` tool to manage Solvay's (chemicals company) 30,000 devices.

Lead developer, Télécom Santé, Rennes (France)　　*September 2012 to April 2015 – 3 years and 6 months*

Full stack development: micro-services platform for healthcare institutions. Webapps with responsive design and `i18n`.

Management: project coordination, training and skills transfer, legacy code migration strategy.

Process and quality: strong involvment in specifications, system integration, tests, and packaging.

Embedded systems: experience with `Linux` drivers (ex: touchscreen), `C/C++` bindings to other languages (ex: `Node.js`).

Engineer internship, Télécom Santé, Rennes (France)　　*February 2012 to August 2012 – 6 months*

At the very begining of a promising startup (2 founders, one senior developer and me), design of the flagship product: a touchscreen device dedicated to patients in hospitals. Web technologies (`JavaScript`, `Node.js`), `Linux` and open source ecosystem.

Freelance, software development　　*September 2011 to August 2012 – 1 year*

Development of an e-commerce platform for a company based in the UK.

Internship, Telemotive, Munich (Germany)　　*June 2010 to December 2010 – 6 months*

At the heart of the automotive industry, development of `UPnP` services on an embedded `Linux/PowerPC` data logger solution. Research of `ethernet` frames encapsulation within a `MOST` network (optic fiber). Performance analysis with `Python`.

Web developer, PMB Services　　*June 2007 to June 2010 – 3 years*

Contributions to an integrated library system (`ILS`) in `PHP/MySQL`, UI/UX design for customers portals, development of the company's website with the `SPIP` framework. Student job.

Skills

Presales

Strong written and oral communications skills with the ability to present complex topics to technical and non-technical audiences.

Flexible, dependable, and capable of quickly learning new products and technologies.

Detailed knowledge of relevant product line specifications, performance criteria and applications.

Excellent problem solving skills; ability to push creative thinking beyond the boundaries of existing industry practices and client mindsets.

Ability to build strong relationships with internal and external stakeholders.

Good business judgment, ability to make decisions and quotations.

Computer science / IT

Programming: `Node.js, Python, C, C++, bash`

Databases: relational (`MySQL, PostgreSQL`), document stores (`MongoDB, Google Cloud Datastore`), columnar (`BigQuery`)

Virtualization: `VMWare/VSphere, VitualBox, QEMU`

Revision control: advanced experience with `Git`, version and release management (ex: `docker, npm, artifactory, gitlab runners`)

Web

Core technologies: `Javascript ES6, HTML5, CSS3, WebSocket, WebRTC`

Frameworks: `ExpressJS, VueJS, AngularJS, PolymerJS`

Networks and services

Networks: `VLAN, Wi-Fi, routing, DHCP, SSH, VPN, proxy, firewalls, wireshark`

System: administration (ex: `Ubuntu, Archlinux, LFS`), provisioning (ex: `Ansible, systemd`)

Services: `DHCP, proxy, reverse-proxy, SSH, VPN`

Web: `HTTP, SSL/TLS, DNS, reverse-proxy, sharding, load-balancer` (ex: `Nginx`)

Cloud experience: `Google Cloud Platform` (SFEIR training), `OVH Cloud, Microsoft Azure`

Languages

- French: native
- English: fluent (TOEIC 905), multiple business trips abroad
- Italian: fluent, work experience in Italy
- Spanish: intermediate, student mobility in Spain
- German: basic, internship in Germany

Education

Master's degree, engineering degree   *2007−2012*

Top French engineering school of Brest (ENIB), France

Student mobility   *2012*

University of Cadiz (UCA), Spain

Hobbies

🧳 I've participated in intercultural workcamps (Brittany, Bosnia-Herzegovina, Serbia, Germany), I did multiple inter-rail travels and I'm an active member of the CouchSurfing community.

🎵 I play the piano since the age of 6, and the irish tin whistle. I'm now learning the violin.

🤾 I practice ultimate frisbee, I also do kayak and rock climbing. I love to cook (delicious) open-source lasagna.