

*Hi. I am a creative, committed and efficient geek, building and managing software projects.
I am at ease humanly and technically, and can both clear out the technical field and talk to the customer.*

Skills

Human	Team worker: discussion, formalization, followup, documentation Able and willing to talk to the customer: requirements clarification, communication Technical team lead, change management, users training
Technical	Productive in Python, JavaScript (Node.js, React.js), web (HTML/CSS), Linux & Windows Interested by (and willing to learn) Go/Rust, Clojure/ClojureScript, Elm, Erlang, Ruby Solid DevOps experience: Continuous Integration, scripting (Jenkins/Ant/Selenium, Git/Hg/SVN) Large software culture (tools, techniques, security, system internals)
Methods	Committed to Agile / Scrum / TDD approaches, 2 years of experience as Scrum Master

Experience

Since October 2015: Software Developer ([Cadens Medical Imaging](#), merged with [Imagia](#), Montréal, Canada)

Role: software development of a medical imaging solution

Context: major product re-architecture and modularization

Backend development: C++ / Qt, NoSQL CouchDB / JavaScript

Frontend development: JavaScript, QML

Continuous Integration & automation (Shell/Python/Git/Docker, Bamboo/TeamCity)

User Experience, User Interface prototyping, participation to product re-architecture

August 2013 – August 2015 (2 years) **Software Developer** ([Outbox Technology](#), Montréal, Canada)

Role: full-stack development in a ticketing system

Context: maintenance of existing platforms and development of new tools

Backend development: maintenance of a ticketing backend (Python/SQL/SQLAlchemy/Linux)

- Development of new platform features & bug fixes, refactoring, Continuous Integration buildup.

- Team discussions of architectural changes (deployment, reliability, scaling), code reviews.

Frontend development:

- Design and development of a modern javascript Single-Page App (Node.js, React.js/Flux, Gulp)

- Maintenance of a legacy point-of-sale frontend (HTML5/CSS, JavaScript/Knockout.js/jQuery)

Continuous Integration & automation (Jenkins/Python/Shell/Git/Selenium)

Customer business analysis, modeling and specifications

June 2010 – May 2013 (3 years) **Technical Lead** ([Processia](#), Montréal, Canada)

Role: software development and technical overview of PLM (*Product Lifecycle Management*) projects

Context: C#/J2EE team management and development with them

Development: server - C#/Java/SQL/ENOVIA V6, client - JavaScript, web - HTML/CSS/XML/XPATH/XSLT

Technical Lead: daily project management (Scrum master), training, best practices definition

Customer business analysis, modeling and specifications

Application customization: data model definition, lifecycles, workflows, access rights...

Continuous Integration & automation buildup (Jenkins/Ant/SVN/Selenium)

Client followup, bug tracking (JIRA+Greenhopper), tests and support

Users training, documentation, change management

2009 (1 year) **Project Manager** (PEG SA, Geneva, Switzerland and PEG India & PEG SEA, India / Philippines)

Role: end-to-end project management and realization

Context: integration of Windchill PLM for multi-site AutoCAD/ProEngineer engineering data management

Requirements and specifications: clarification of existing business practices and objectives definition

UML modeling: use cases, EER data models (Visio, MySQL Workbench)

Software choice: solutions evaluation with prototypes (Windchill, Aras PLM, SharePoint, TinyERP)

Implementation: lifecycle & workflows definition, voting mechanisms, access rights... Oracle/Java/JSP/HTML/CSS

Training of 60 users, user and administrator documentation, change management

Multi-site performance validation, deployment on 40 workstations, network / local cache recommendations

Annex project: evaluation of CRM software (Salesforce, Sugar, Highrise)

Technical choice, setup of Highrise and training of 10 users

2008 (1 year) **Project coordinator / Developer** (HP, Grenoble)

Role: evolution of critical reporting tools for the Europe execution team

Context: replacement of an in-house software by SAP/APO for production planning

Specification & development of SAP/BW reports, bugs tracking, link developers / management

Gap analysis between legacy and new data, building of Excel/VBA tools to analyze them

Fine-tuning of the Extract-Transform-Load processes with the developers

Training of 50 users, documentation, communication, change management

Point of contact during the move to production for crisis management



Languages

French Native language

English Read, written, spoken fluently; daily professional use

Spanish Read, written, spoken; experience of 6 months in Chile



Degree course

2007-2008 Specialization in Information Systems and Software project management

ENSIMAG, Grenoble

2006 Academic exchange for 6 months in Chile

Univ. de Chile, Santiago

2005-2008 Master, Grenoble Institute of Technology - Industrial Engineering

ENSGI, Grenoble

2002-2005 Introductory courses to Grandes Écoles - PSI

Lycée Loritz, Nancy

2002 High School diploma - Scientific specialization

Lycée Fabert, Metz



Activities / Interests

Sport Long-distance running (trail, marathon, triathlon), cycling, swimming, trekking

Music Guitar, violin, glockenspiel, singing, bandura

Electronic musics (Ableton, Renoise, Ardour)

Composition, recording & production of two homebrew albums ronj.bandcamp.com

Art 2D/3D graphic design (Gimp/Inkscape, Blender)

Web design, typography, photography

Software Free software: participation to the GNOME, Ubuntu/Studio projects

Development: Python and HTML/CSS/JavaScript

QA, usability

Blog on various software news, ronan.jouchet.fr

Creator of [Daily Grooves](#)

Software project management (Scrum / Getting Real approaches)

Deep knowledge of operating systems internals, security