Louis Roy

Solutions Architect
Quebec City, Canada

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Experience

Solutions Architect (2020), **Systems Architect** (2017-2020)
Korem, Quebec City

- Technical lead and main point of contact for several clients
- Actively involved in pre-sales qualification with assessment of efforts, time and costs
- Drafting of sales and technical documentation
- Coordination of development and quality assurance teams
- Participation in company's continuous improvement endeavors (work organization, recruiting, code quality)

Technical Director
Cossette, Quebec City
2011-2017

- Coaching and supervision of the digital production team
- Assessment of client requirements
- Gathering of specifications and technical requirements
- Feasibility, effort and cost estimations
- Implementation of new methodologies (continuous delivery, versioning)
- Prototyping and technology watch

Web Developer
Cossette, Quebec City
2007-2011

- Front and back-end programming
- Implementation of content management systems and e-commerce solutions
- Production of rich-media banners
- Database management

Notable Projects

RMAP, Pitney Bowes Spectrum LIM Migration
Client: AT&T
2017-2019

- Main architect for a major lift-and-shift operation involving the replacement of an in-house mapping software with a third-party solution
- Breakdown of the project into 6 iterations in continuous delivery
- Automated deployment and configuration of a large-scale load-balanced solution on Red Hat infrastructure through Jenkins and Ansible
- Active and sustained communication with client and third-party vendor teams
- Supervision of development and quality assurance efforts
- Implementation of agile processes (daily scrums, poker planning, sprints)
- Planning and carrying out the repayment of an important technical debt

YQB
http://www.yqb.ca
Client: Quebec City Jean Lesage International Airport
2016

- Technical supervision of a complete website overhaul
- Synchronization and migration of flight data at a high frequency
- Deployment of a load-balanced solution on Amazon Web Services
- Constant coordination with vendors in Canada and Europe
- Quality assurance in all phases of the project

Winner of a Boomerang prize in 2016 for "Best application or website - Service"

Skills

Proficient in
Java, JavaScript/ES6/TypeScript, Node.js, React, Git, Ansible, PHP, HTML, CSS/SASS, MySQL, Microsoft SQL Server, Apache HTTPD, HAProxy, Google Maps API, Bash, XML, JSON, IntelliJ Idea, Jenkins, Atlassian Suite

Good knowledge of
Docker, Oracle Database, Processing, React Native, WebGL

Experiences with
Python, Ruby

Languages

French and **English** proficiency, both written and spoken

Education

Web Development and Design Technical Degree
Cegep de Sainte-Foy, Quebec City
2004-2007