Quentin Delcourt

Technical Leader & Software Engineer

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I'm an approachable tech lead with strong mentoring and teaching expertise. I have 20 years of professional experience in the field of software development. During my previous experiences, I had the opportunity to mentor lots of software developers, both in person and remotely. Developers and managers are always keen to seek my advice on various problems related to development, features, analysis and strategies.

I'm no stranger to the infrastructures and Ops world, having always been very implied into the deployment of applications to production. This gives me an advantage as I can think in advance how to prepare a system for facing the hazards of production. Scaling systems, distributed processes, cloud solutions are all things I'm quite familiar with.

I'm not afraid to change legacy systems, and I can tame them to become more testable and more modern. Legacy systems are useful systems. I like to work on software that brings value. And it's enjoyable to see a system once deemed complex, fragile, untestable become simpler, more robust and highly testable.

Software should reflect the needs of its users, and its code should be very explicit about what the domain is about. If we work together, I'll do my best so that the software we produce embodies those qualities.

Work experience

Optimy
January 2019 — Present

Tech Lead, Simplify team
I am the Tech Lead of a team of 5 software developers, focused on modernizing and simplifying the existing codebases of the Optimy system. We migrate to modern frameworks, update PHP versions, add automatic testing to increase the test coverage and our confidence in the system.

Lead Software Engineer, Architecture team
While remaining available to advise developers from other teams, I joined the CTO and another senior developer to address fundamental changes in the Optimy system. Among

those changes, I developed an abstraction library that allowed us to progressively move all our microservices from RabbitMQ to SQS, without any regression.

Lead Software Engineer, IT Ops team
I am the technical referent for about 20 developers, guiding them towards better development practices. I write coding guidelines, write tutorials and record tech talks to help developers write more readable and robust code.

In parallel to that I lead a team of 4 developers to gain knowledge on Docker, Kubernetes, AWS Services as well as GoCD. Created documentation about processes and automated many of them. Increased the robustness of the whole system and reduced the frequency of outages.

I also assisted the CTO to prepare the organisation for an ISO 27001 security audit.

Senior Software Developer, Brussels team
I helped to migrate a huge legacy application from a jQuery powered frontend to a Vue.js 2 powered frontend. I also helped with the creation of many new features including exchanges between the legacy system and a brand new system.

Base Design

March 2017 — December 2018

www.basedesign.com

Analysis, development and maintenance of multiple Craft CMS powered websites (Fondation Cartier, DDS+, Delvaux). Creation of a chatbot with Dialogflow, Vue.js and Craft CMS for the new Fondation Cartier website. Setup of continuous development tools and build scripts.

Tcheu!

November 2014 — February 2017

www.tcheu.be

Teamed up with 3 associates at the end of 2014 in order to build several web applications and responsive websites. Use of the Laravel and Vue.js frameworks for the applications as well as Craft CMS for the content websites. Clients include Clinique Saint-Jean, Luciad, GOPA, Pracsis, Homelog, The Major Tom Company and others.

Eyecone

March 2012 — October 2014

www.eyecone.com

Worked on the Blastmedia SaaS. Mainly worked on the implementation of the new TV Newsroom for the European Council. Created some modules for ExpressionEngine CMS and Angular.js to manage the upload of the videos and their metadata.

Emakina

September 2008 — February 2012

www.emakina.com

Technical analysis and development of Coldfusion and PHP (Drupal 6/7, Zend Framework) websites for Eurocontrol, SESAR, Clean Sky, the UNDP and the European Commission.

Qwentes

November 2004 — August 2008

Did various system administration tasks (network and server maintenance, helpdesk, mail server installation). Creation of many Coldfusion or PHP websites for clients like the European Commission, Fost Plus, Nexans. Development of several Flash games for the European Commission.

Education

Institut Paul Lambin, Brussels
September 2001 — June 2004

Graduate in Information Technologies

Institut Notre-Dame de Loverval
September 1995 — June 2001

Languages

French: First language
English: Very good command
Dutch: Elementary knowledge
Turkish: Elementary knowledge