

Benoit Daccache

Software Engineer Consultant | Software Design Architecture | Agile Methodologies
Rue Saint Roch 30 Perwez, 1360
+32(0)477098231
benoit@daccache.me

Summary

- Software engineer Consultant with **8 years** of experience. I have experience working on complex and critical systems for financial institutions
- Experienced in managing a team (onshore/offshore) using Agile Methodologies (**Scrum**)
- Software Designer & Architect at heart, I'm passionate about software design. I also put a big emphasis on new technologies.

Employment History

Keytrade Bank

Core Systems Engineer (Freelance)

Brussels, Brussels

July 2017 - Present

Keytrade Bank is one of the leaders in online banking & trading in Belgium.

I'm part of the team that is migrating all the legacy trading systems to a micro-service driven architecture with cutting-edge technologies like **C#**, GRPC, RabbitMQ, **CI/CD** with GitLab and OpenShift in a **Scrum** environment.

One of my other tasks is to take care on maintaining and improving the FIX applications, acting as the **application owner**. Besides, I have to review the technical specifications of the protocols used by the those markets and implement them. Those applications are mainly written in C++ and are the core systems of the bank, as they are used to placing all the orders on the market. They require to be extremely stable with no downtime.

Boxweb

Web developer Freelance

April 2017 - Present

I design websites that meets the latest trends to provide to my clients a better visibility on the web.

Worldline

Technical Analyst / Team Lead

Brussels, Brussels

September 2016 - July 2017

EquensWorldline is the pan-European leader in payments and transactional services

I was the **Technical Analyst** in charge of the Sodexo E-Voucher Platform. My task was to **manage** the offshore team of up to 4 developers, assign tasks and review their work. I was also acting as the **Scrum Master** of the team.

Moreover, I had to implement more complex features of the platform like the card verification mechanism for the E-commerce.

The development was mainly done in **C++** on a **Linux** environment with an Oracle Database in a **Scrum** environment.

Emweb

Software Engineer Freelance

Herent, Flanders

September 2014 - September 2016

Emweb is a software engineering company specializing in creating software through innovation and research.

I was working as a **Full-stack software engineer**. My main task was to design and implement **cloud server** applications used for an innovative indoor **BLE geolocation** system. I also designed the Web Application in **WT/C++**, the streaming API and the floorplan drawing interface. I've designed and implemented a system to push live updates to remote devices.

One of my other project was to implement the **Brussels Expo** Exhibitor Web Application (Java) which is used to the draw the floorplan for the exhibition (placing booth, connections ,...). I also worked on designing and implementing the product catalog that includes complex product pricing.

One of my other tasks was also to design Android, IOS and QT Applications, as well as writing **firmware** used to detect faulty beacons.

Eurofer

Software Developer

Brussels, Brussels

June 2011 - September 2013

Eurofer is an international not-for-profit organization that represents the entirety of steel production in the European Union.

I worked at Eurofer for 4 different periods since 2011 totaling 1 year & 3 months. I was part of the software architecture & design team and contributed to the design and implementation of an Open-Source fast **file-based CMS**. The main feature of this CMS is to index and handle file access without using a database. It is also extremely modular with a plugin system and is developed using **C++**, **ZMQ**, **PostgreSQL** on a **Linux** environment.

UCL

System Administrator | Java Developer

Ottignies-Louvain-la-Neuve, Wallonia

September 2010 - May 2013

As a student at Universite Catholique de Louvain I worked for the university in different IT role between 2010 & 2013 for a total of 1 year & 9 months.

During this period:

- 2010-2011 - As an IT Support Technician I worked in Machine installation, repair and maintenance. Network configuration and domain migration.
- 2011 - As a **Java Developer** I was part of an implementation project of a tool for importing LDAP data to the ASSYST software;
- 2012-2013 - As a **Unix System Administrator** I worked on hardware, software & server maintenance as well as IT support. This was a highly convoted job.

Collibra NV

Software Engineer (Intern)

Bruxelles, Bruxelles

April 2009 - June 2009

Collibra is the Data Intelligence company. They accelerate trusted business outcomes by connecting the right data, insights, and algorithms to all Data Citizens.

During my internship, I had the change to implement a Data mining algorithm used in the Collibra Workbench. The algorithm was based on a Thesis research which I had to study to understand and implement it.

Education

Ecole Polytechnique de Louvain

Master's Degree In Computer Software Engineering

Ottignies-Louvain-la-Neuve, Wallonia

Graduated July 2014

Ecole Polytechnique de Louvain

Bachelor in CS Engineering

Ottignies-Louvain-la-Neuve, Wallonia

Graduated July 2012

Functional Skills

- Team Management
- Autodidact
- Multitasking
- Analysis & understanding of the needs
- Problem Solving
- Effective Communication

Technical Skills

- **Programming Languages:** C# | C++ | Golang | Python | Java | SQL
- **Tools & Libraries:** GRPC | Hibernate | RabbitMQ | Elasticsearch | Docker | Kubernetes | Git | GitLab Pipelines
- **Other:** Software Architecture Design | Functional Analysis | Unit testing | Scrum | UML

Languages

French

English

Arabic

Native

Proficient

Conversational