

Resume of Mathias Verraes

Independent Software Consultant

Kortrijk, Belgium
Born 1979-07-02

Summary

I'm a software development consultant and coach. I advise companies and teams that build software for complex environments.

I prefer a total approach: high level strategy, architecture, and agile methodologies on the one hand; software analysis, modelling, automated quality assurance, and refactoring on the other hand. My work ranges from short consulting or coaching missions, to long term periodic involvement with teams. I founded Value Object Comm. V, a consulting company that works with a small network of independent experts.

As a workshop instructor, I trained hundreds of developers and analysts on Domain-Driven Design, CQRS/ES, and Event Storming, for audiences across Europe. I regularly speak at conferences, and blog about software.

Skills

Languages:

Dutch (native), English (fluent), French (rough)

Programming languages:

PHP, Javascript, Haskell, Erlang, Elixir, and through clients: C# and Java.

Architectural styles:

Object Oriented Programming, FP, CQRS, Event Sourcing, Hexagonal

Methodologies:

Domain-Driven Design, Event Storming, TDD/BDD, Kanban, Scrum

Education

I'm an obsessive reader and an autodidact in the field of software engineering, apart from a number of trainings on DDD (Vaughn Vernon, Alberto Brandolini) and Erlang and F# (Robert Viriding, Garret Smith, Mathias Brandewinder).

Before become a software developer, I graduated as Master in Music at the Royal Conservatory in Ghent, Belgium in 2003.

Notable clients and work experience

(Many short consulting interventions have been omitted for brevity.)

Engie (GDF Suez), Belgium & France - Energy Trading - 2015

- Event Storming, analysis & modelling techniques
- Coaching teams on TDD and refactoring

Delta Lloyd, Netherlands - Finance and Insurances - 2015

- Training, DDD and large scale refactoring

Sixt, Germany - Transportation - 2014-2015

- Advising on strategy and architecture
- Coaching local and remote teams
- Introducing CQRS/Event Sourcing

Info Support, Netherlands - 2015

- Training on modelling and CQRS

Meinfernbus, Germany - Public transport - 2015

- High level strategy

Box UK - Web - 2015

- Analysis & Modelling

Davanti Warehousing, Netherlands - Logistics - 2014-2015

- Analysis & Modelling, Architecture

Tactics, Belgium - Web - 2015

- Analysis, Quality Assurance, Refactoring

VME Retail Systems - Retail - 2014-2015

- Modelling, architecture

Cognolink, UK - Finance - 2014

- Strategic and tactical advice on architecture and legacy

Akamon Entertainment, Spain - Gaming - 2014

- Advised on Tactical Domain-Driven Design, scaling, legacy

Qandidate, Netherlands - Recruiting - 2014

- Transitioning to Kanban

Ausy, Belgium - Education - 2013 - 2014

- Lead the development of a platform for the Antwerp Digital School Platform
- Introduced unit testing, continuous integration, code reviews, and Kanban
- Evolved the legacy architecture to CQRS/ES

Pink Tie, Netherlands - E-commerce - 2013-2015

- Helped build a CQRS/ES-based high throughput e-ticketing system
- Strategic consulting ('Lean Startup'), and Kanban

iController, Belgium - Credit control - 2011 - 2012

- Built a new application for e-invoicing
- Brought legacy credit control application under test
- Introduced Scrum, unit tests, continuous integration and code reviews in the team
- Interviewed candidates and expanded the team from 3 to 10 people.

Italian Institute of Technology, Italy - 2011

- Consulting and development for a scientific publication platform

Marlon, Belgium - Web agency - 2011

- Worked on the stability of the Belgacom SMS-parking system
- Performed ongoing maintenance and security audits, and improved test coverage
- Built a backend e-commerce and stock management system

Delius, Belgium - Online fundraising - 2010-2011

- Designed and built a centralized REST service for online fundraising applications

Timble, Belgium - Document management - 2007-2010

- Created the Nooku Framework, commercialized DOCman
- Worked on projects for clients such as the **Belgian Police**, and the **British NHS**

Freelance Web Developer - 2005-2007

Music Composer - 2002 - 2008

- Wrote music for short films and documentaries, TV commercials and pop albums
- Founded and conducted an a cappella pop choir