

JOHNNY KAMNANG VALERY

Solution first - .net Software engineer

PROFILE

Graduated as Industrial engineer, I had a first experience in a telecommunication company. Since then I jump in the MS .NET world.

Passion for IA and Crypto currency

CONTACT

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TITLE

.Net software engineer (desktop,mobile,web)

Project leader

Industrial engineer, electricity and Telecom (+CCNA)

WORK EXPERIENCE

Senior software developer (2025->)

YPTO (Av de la porte de Hal 40,1060 Bruxelles)

Techno:C#, .net10, Blazor, Mudblazor, xUnit, Shoudly, claude code 4.7, codex (5.5)

Senior software developer (2024-2025)

ISTA (Square Marie-Curie 50, 1070 Anderlecht, Belgium)

Wabportal : Keycloak authentication

Update the current webportal written in .net framework 4.7 to use Keycloak in order to manage authentication and registration. Migrate user Database, use sendgrid to email management.

Techno:C#, .net8, sql, Keycloak, xUnit, asp.net 4.7, sendgrid, ChatGpt

WebPortal NextGen

Upgrade of the current webportal with the latest technologies

Set up of the azure devops repo, CICD and scrum template

Techno: Clean architecture, .net8, Blazor, Xunit, Telerik, Azure, dockers, Github, GithubCopilot, ChatGpt Codex, claude 3.5

AzureDevops projets to Gitlab/ArgoCD/Jfrog/SonarQube

Corporate requirement to use standard tools for CI/CD, Kubernetes. So updgrade of all project to .net 8, write yaml files, manage keyvault and secret on azure

Techno: Dependency injection, .net8, Blazor, minimal api, Xunit, Telerik, Azure, dockers, GithubCopilot, ChatGpt, claude 3.5, bolt, background services, HangFire

Senior software developer (2023-2024)

Inami (5 av de gallilé, 1210 Bruxelles)

Practice Register

Governemental software that manages the healthcare worker career

Techno:C#, .net6, Blazor Wasm, entity framework, sql, Keycloak, xUnit, Telerik

SKILLS

.NET Framework (1.0 to 4.8) (C#)

.NET core to .NET10

BLAZOR

WPF/Winform/Silverlight/WINRT/WIN10

Android-Iphone (Xamarin, MAUI)

WCF, REST – JSON

SQL server Oracle

HTML,XML,JQUERY

ASP.NET (MVC – core)

Visual studio, TFS

Solidity

GIT

Azure devops

CI/CD

ACTIVITIES AND INTERESTS

Gospel

Software Development

Sport

Music

Video Games

Travelling

Books

Blockchain

AI

PROJECT MANAGEMENT

Agile

Scrum

Kanban

FUNCTIONAL ANALYSIS

UML

User process owners interviewing

QUALITY INSURANCE

Technical documentation

Unit testing

Validation documentation

GaMP validation

SOFTWARE ARCHITECTURE

OO design

SOLID

MVVM, MVC

IoC

Database design

Senior software developer (2022-2023)

ELIA (Bld de l'empreur 20, 1000 Bruxelles)

GreenTracking

Backend and FrontEnd in .net

Techno:C#, .net5, .net6, Blazor, entity framework, sql, Nswagger, highcharts, taskscheduler (HangFire) , RabbitMQ

Senior software developer (2020-2021)

INASTI (Rue Louis Piescia 31,4102 Belgium)

Sequia

Governmental software that manages the freelance career

Techno:C#,WPF, WCF, SQL server, Oracle, Nservicebus, CI/CD

Senior software developer (2020-2021)

LASEA (Rue Louis Piescia 31,4102 Belgium)

Kyla

Software that drives the laser generation. UI and business layer.

Techno:C#,WPF

Senior software engineer (2011 - 2020)

ISTA (Square Marie-Curie 50, 1070 Anderlecht, Belgium)

Error manager

Provide all device in errors computed by algorithms

Techno: C#, Webapi, Blazor server, .net6, SQL, Opendocument,

EDI (Electronic Data interchange):

Provide to ISTA's customers their billings and/or invoices via WebApi or file (flat, excel). The project required interviews of billing and accounting department to analyse the needs and define specs

Techno: Rest Webapi, c#, SQL, Opendocument, blazor, MS azure, ActiveMQ

ISITOP2020:

Website that browse data from the building portfolio

Techno: C#, webapi, asp.net core, SQL server 2019, entity framework core

Butterfly project: Migration of the old ERP to a corporate solution: SAP,

Webnimbus (billing platform), WOM(planning management platform). This corporate solution is hosted in Germany

Requirement analysis: Visit other countries and analyse the way they work

Gap analysis

Process definition and documentation

Planning

Testing, validation and verification

Training teacher

Techno: Word, Powepoint, Visio, Excel

ISTA new feature integration:

ISTA devices allows feature to help tenant to avoid over payment. IE ISTA meters allows water meter to detect leakage. The project is to allow administrative department to enable the leakage detection, then the apartment receive email/sms that warns there is a leakage.

Techno: C#, PL-SQL

ISTA PDA3 software integration:

ISTA device (water meter, Heat cost allocation meter,..) are parametrized via a PDA. The process need to be integrated with the ERP. The PDA and his software comes from ISTA Germany (headquarter). I am the full project manager in every aspect:

- Design and architecture data going from ISTA ERP to the PDA

- Design and architecture data coming from the PDA to populate the ERP

- Training the field guys on how to use the PDA (software)

- Train the field guys on how the identify radiator, how to measure radiators (not software related)

- Train the planning department how the generate intervention for field guy

- Train administrative department to deal with unknown radiator

REWARD

Night on the town award for the software validation and compensation of the resource gap - November 2007

Lead the Validation and the verification of the whole FASTlab software. This validation followed the GaMP requirement.

Certificate of appreciation providing the Gallea project - (June 2008)

New release creation with new feature of the FASTlab software in order to produce a new tracer: Gallea

Microsoft App Wizard Winner : A ticket for the //Build 2015 (February 2015)

ISTA major contribution award 2012-2017 (January 2018)

LANGUAGE

French as mother tongue
English: fluent
Knowledge in Dutch

- Report PDA software errors
- Project plan
- Documentation and tutorials

Techno: C#, T-SLQ, P-SQL, ADO.NET, Entityframework, Word, powerpoint, excel

The AMM (Automatic meter management):

ISTA meter devices (water meter, Heat cost allocation, ...) communicate via radio to a gateway. This gateway sends measurement data and consumption via GSM/GPRS network to the billing system.

This is probably one of the biggest project on ISTA Belgium. The average implementation time for other countries was 2 years. After 8 months, our system was up and running in production (Fastest ever done).

- I analysed specs for Belgium,
- I installed Windows server 2008R2
- I installed SQL server
- I created the Database architecture design in order to contains every AMM data (Sql Server)
- Architecture, design, code and test of the webservice (WCF), WSDL came from Germany
- Architecture, design, code and test of the synchronisation software between the ERP (oracle) and the AMM

Techno: C#, WCF, T-SQL- P-SQL.

The AMM internal console:

In order to help administrative department to see consumption or correct buildings configuration mistakes, I create a console accessible via a web browser

Techno: C#, asp.net core MVC

The AMM data mining:

The AMM system generates a huge amount of data. It's possible to draw conclusions: for example a too high consumption, mixer problem (water going back and forth inside the water meter), ... That allows to prevent any billing error.

Techno: C#, T-SQL, P-SQL

Office Automation: Analyse customers data coming from Microsoft Excel, and generate a document to make a sale's offer.

Techno: C#, WPF, Open XML

Website toolkit: Website with many tools for technical department (asp.net webform)

Network and infrastructure administration

Senior Software engineer (2010 – 2020)

Part time freelance

Websites development: XHTML, HTML5, JQuery, PHP, javascript

- Schwarzline
- SDTECH
- Deadalus engineering
- c l o u d p i x
- Tshouly concept
- Carrefour express

Silverlight Business Application (Silverlight 4): Conformity

Noncompliance management using SQL express 2008R2, WCF RIA, Silverlight4

Mobile app:

- Windows Phone (7,8)
- Windows 10,
- Android, iPhone

Punchline/Music Boss(>100.000 downloads) is the best Blind test and music quiz. Users are able to select the app that correspond to their type of music.

Music Boss Afro

Music Boss Pop

Music Boss Rap US

Music Boss Rap Fr

Music Boss Chanson française

Punchlines Booba

Punchlines Michael Jackson

Techno : C#, Xamarin forms, UWP, WinRT, Widows Phone SDK, azure mobile app service , Xamarin ios

Software development engineer (<2011)

GE Healthcare (Rue Marie-Curie 10, 4431 Loncin, Belgium)

- Creation and management of the Radioactivity detector calibration process in C#
- Business intelligence: generation of dynamics reports with SQL Server reporting service (Synthesizer, Dispenser, Calibration,...)
- Tracking of any anomaly and recording into a custom event logger
- Data sampling graph (custom component made in winform C#).
- Develop the control of the electro-mechanic rotary actuator on the PLC side - (2007 (ANSI C))
- Develop a control library in C#.NET to fit the General Electric Common User Interface requirement specifications (C#1.0 and migration in C#2.0)
- Migration to VS2008 Team foundation server and SQL express 2005 - (2008)
- Maintenance of the synthesizer visualization via Adobe Flash component (2007)
- Migration of the Flash component to a **WPF** representation of the synthesizer (2011)
- Migration of the complete user interface to the General Electric Common User Interface (CUI)
- Management of a SQL patch generator (ADO.NET)
- SQL script encryption
- Integration of a third party reporting software 'Combit List&Label'
- Integration of third party software 'Janus Gridex'
- Integration of third party software: Style xp, and creation of a Windows XP theme.
- Documentation
- Validation&Verification (GaMP)
- UML
- IT management.

Ciena Ltd. (<2011)

FIELD SUPPORT ENGINEER

EDUCATION

ECAM – MASTER as industrial Engineer section Electronic and Telecom

Technifutur: .NET software engineer.

IFAPME: Business management

CERTIFICATION

- 2012 - 70-511: Windows Application Development with Microsoft .NET Framework 4 (WPF/Winforms)
- 2006 - Cisco CCNA

TRAINING

- 2025 – Claude code / OpenAI Codex
- 2017 – Building REST services with ASP.NET web api
- 2016 - Unit Testing
- 2011 - WPF-Silverlight-MVVM
- 2010 - Unit Testing – TFS
- 2007 - .NET3.5 overview
- 2006 - .NET2.0 Pattern and best practice