EDUCATION

- 2020 · Blazor: The Big Picture · Pluralsight Online Course
- 2019 · Blazor: Getting Started · Pluralsight Online Course
- 2018 · Authentication With ASP.NET Identity · Udemy
- 2017 · Aurelia Fundamentals · Pluralsight Online Course
- 2006 · Asp.Net MVC Framework · FIB Course, Brussels
- 2005 · Microsoft .Net Applications · U2U Training Center
- 2001 · Web development with Interdev 6.0 · BMA Training Center
- 1998 · Security Advisor ADR · Ability Training Center, Brussels
- 1997 · Relational Database Design & SQL · Sybase Training Center
- 1996 · Computer Science Degree · Institut Paul Lambin, Brussels

WORK EXPERIENCE

- ## 2022 → 2025 • Equans Belgium

  Platon Shuttle Transport Booking web application. An intuitive application designed to streamline the booking and management of shuttle transportation services. This application offers a user-friendly interface and robust features for managing non nuclear transports. With options to view schedules, make reservations, it simplifies the entire process, making it efficient and hassle-free.

  Transportboek Transport Management System (TMS) designed for the management and planning of nuclear transport. The system features a modular design, including modules for billing, permissions, and transportation. It also supports planning and operational monitoring of transportation activities. Initially built in 2005 and has since undergone continuous improvements, culminating in the release of a new web-based version.

  Paris Acronym for Packing Registration and Identification Software. Web-based application for monitoring industrial packages. The initial version of this application was developed in 2006 as a Windows thick client. Since then, it has undergone numerous updates and optimizations. Currently, it is used at Equans as an internet-facing application. The security layer has been upgraded to meet modern standards and includes 2-factor authentication for enhanced security.

  ### Key points
  → Migration from intranet to internet-facing (Azure cloud servers)
  → Various functional and technical improvements
  → Address and resolve security vulnerabilities
  → Integration with Microsoft Graph and Azure Cognitive Services
  → Frontend migration from Aurelia to Angular
  → Backend migration from Web API controllers to Azure Functions
  → Worked independently on all these tasks

  | Azure | IIS | Sql Server | Entity Framework | C# | Okta Security |
  | JavaScript | TypeScript | jQuery | Ajax | HTML | CSS | Ubikey (two factor auth) |

- **2021 → 2022 • Engie Solutions**

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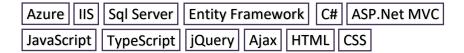
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Key points
➔ Migration from on-premises infrastructure to intranet-based (Azure cloud servers)
➔ Various functional and technical improvements
➔ IIS Mail Server integration
➔ Worked independently on all these tasks

| Azure | IIS | Sql Server | Entity Framework | C# | ASP.Net MVC |
| JavaScript | TypeScript | jQuery | Ajax | HTML | CSS |

- **2005 → 2021 • Transnubel**

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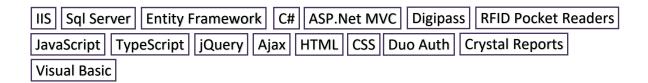
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Launcher Intranet web application for internal messaging, designed to facilitate secure and efficient communication within the organization. This web app enables real-time messaging, file sharing, and collaboration, significantly enhancing internal communication and operational efficiency. It features a user-friendly interface, and ensures all communication remains private and secure within the company's network.

Key points
→ Transition from desktop applications to web applications hosted on IIS
→ Implement a mobile solution supplied with RFID pocket readers
→ Securing applications through the integration of Digipass and Duo Authentication
→ Worked independently on all these tasks until 2017
→ Collaborated closely with another freelancer from 2017 to 2021

IIS | Sql Server | Entity Framework | C# | ASP.Net MVC | Digipass | RFID Pocket Readers
JavaScript | TypeScript | jQuery | Ajax | HTML | CSS | Duo Auth | Crystal Reports
Visual Basic

- **2011 • Belgian Olympic Committee**

  Sport Information Management System updated during the first half of 2011 with enhancements and helped spot and debug any errors inside this in-house software. The primary goal is the recording of individual athlete's profiles for fast and reliable access to information.

  | Sql Server | Access® VBA |

- **2010 • Glaxo Smith Kline · GSK**

  Bio Stat Scientific data collection and analysis application. The objectives laid down for this program are multiple like the ease of use, the clear presentation of results. All the possible statistical procedures have not been included yet but any such additions are quite simple.

  Dynamic Planner Template for Microsoft Excel®. Custom made tool allowing order taking of new preparations and their planning on a dynamic schedule covering a full year. Daily, weekly, monthly planner that helps teams to keep well organized. Includes up to 52 weeks on separate worksheets. Designed to be printed on both sides of A3 format with a month on each side.

  Tratt Scan In-house Management Training Courses application updated in 2010 with enhancements and bug fixes. This tool can help teams to stay up-to-date and quickly gain new skills with engaging training modules by connecting users to their every process, policy, and procedure.

  | .Net Framework | Barcode Scanner | Excel® VBA | Access® VBA | C# |

- **2010 • AkzoNobel**

  Production Management Template for Microsoft Excel®. Generator and calculator of production orders. Main features are planning, monitoring, production statistics and reporting. Furthermore the elimination of manual data entry and manual transposition errors improved the process.

  | Excel® VBA | Mainframe |

- **2010 • Baxter Belgium**

  Environment Health Safety (EHS) software release new updated version in 2010. Industrial hygiene and chemical risk management to improve well-being at work. Help reduce time, effort and cost by standardizing and automating processes in order to improve effectiveness and efficiency.

  | .Net Framework | Sql Server | VB.Net |

- **2000 → 2005 • Fortis Insurance Belgium**

  FinOp Financial Operations windows application. Enhancements, bug fixing.

  Authentication API to gain access to internet services.

  E-banking Access module updated in 2002.

  Tax Records Management application designed in 2003 for internal use.

  Expenses Validation web-app updated in 2004.

  Brokers Bank website collaboration closely with a fifteenperson team.

  .Net Framework | Visual Basic | ASP.Net | VB.Net | Access® VBA | Mainframe | Digipass

- **1999 → 2001 • Tott Systems**

  Helpdesk windows application solution to streamline IT support processes. Developed features for ticket management, user authentication, and automated responses. Collaborated with cross-functional teams to ensure seamless integration with existing systems.

  Freight Transport Management application. Bug-fixes & added features.

  Y2K developments related & the changeover to the euro currency.

  Backup solution remotely controlled through a phone connection (RDC).

  Documentation Automation plugin for Word (from source code).

  Visual Basic | Excel® VBA | Access® VBA | Word® VBA

- **1999 • Sopres**

  Rental Mailing List software designed with IT and business collaboration in mind. The software's capability to handle various kinds of queries according to the business requirements. Helps minimize human error and offers a secure way for all users to access and utilize data. Help identify and fill gaps in missing information, and decrease redundancy. Easy-to-use and intuitive interface so that even your non-technical staff can use it.

  Visual Basic | Mainframe

- **1999 • T-Plan**

  Geographic Information System (GIS) windows application used to establish routes for placement of optic fibers in the ground. The software integrate Autocad maps (dwg) for mapping. Modulation and structuration of spatial data. Complete toolbox (plot, lines, curves, shapes, adding annotations, etc…).

  Visual Basic | Autocad

- **1998 • Coca-Cola**

  Y2K millennium bug

  Euro transition

  Excel Macros migration to interrogate a server mainframe-based

  SQL queries dynamically generated

  `Excel® VBA` `Mainframe`

- **1998 • Kraft Jacobs Suchard**

  European Survey on sales performance. Electronic forms dispatched via Outlook in order to collect information. Serves as an indicator of the country's statistical performance.

  `Outlook® VBA` `Mainframe`

- **1997 • JPass international**

  ©Pollux Material Safety Data Sheets (MSDS) expert software. Manage transport documents and security documents related to chemicals. Users can easily search and print SDS's for all of the chemicals they work with. Software used by clients like Petrofina, Texaco and Total to name a few.

  `PowerBuilder` `Visual Basic` `Access® VBA`

- **1997 • Labima**

  Sales Representative software for monitoring commercial delegates' performance. Bi-directional synchronization done daily. Main features are as follows: recording sales visit data; arranging follow-up calls or visits; route planning between appointments; sales reporting.

  `Visual Basic` `Access® VBA`

- **1996 • Credit General**

  Prospection software designed for the Credit General. Complete module of prospection and qualification of prospects and customers files. Complete history of all actions on prospect/client files and contacts. Complete workflow on appointments management: appointments orders, confirmation of appointments, appointment status by employees, full statistics. Contact file entirely configurable (numbers of columns, column nominations).

  `Visual Basic` `Access® Database`

- **1996 • Schenk**

  Stock Management System with statistics and reports. Complete stock control over multiple warehouses and locations. Overview of stock data, minimal quantities and expiring items. Useful insights into profit, sales and stock supply. Simplify and speed up the process from quote to delivery and final invoice.

  | Visual Basic | | Crystal Reports |