



Bastiaan

51

REGION

Hasselt - Leuven - Brussels - On Remote

PROFILE

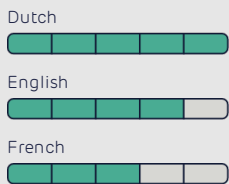
Hi,

My name is Bastiaan (Bas). I am a polyvalent senior software developer with more than 16 years experience in software development. I have a focus on embedded software development but I'm also deployable in application development with a preference for back-end development. Within TRplus, I'm looking for a challenging opportunity that can further strengthen my solid skill set.

PERSONAL SKILLS

- ✓ CREATIVE
- ✓ CRITICAL MINDSET
- ✓ DETAIL ORIENTED
- ✓ FLEXIBLE
- ✓ HIGH LEARNING ABILITY
- ✓ OUT-OF-THE-BOX THINKER
- ✓ PATIENT
- ✓ PRECISE
- ✓ PROBLEM-SOLVING
- ✓ STRONG ANALYTICAL SKILLS

LANGUAGES



EDUCATION

2003 Master Industrial Engineer - Electronics (Thesis excl.) Catholic University Leuven

TRAINING

2011 C# Programming - Advanced Level Various courses at InfoSupport Mechelen around C# (.Net 4.0, MVC3, Entity Framework)

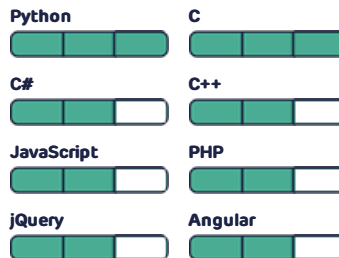
CERTIFICATION



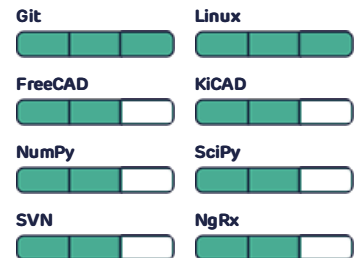
Different e-learning courses (MOOC) over the years at Coursera on topics like Machine Learning, Data Science, Computer Science & Control Systems.

TECHNICAL SKILLS

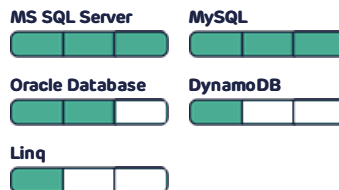
PROGRAMMING



SOFTWARE



DATABASES



METHODOLOGIES



PROJECT HISTORY

07.2021 - 02.2025

TRplus consultant
Agentschap Natuur & Bos
Agentschap Natuur & Bos

Agentschap Natuur & Bos

TRplus consultant
Agentschap Natuur & Bos

Description:

From scratch development of a single-page website. Back-end written in C#, front-end in Angular with NgRx.
Working on two projects, maintenance of legacy projects.

Technology:

- .Net/C#
- Angular
- Jira
- NgRx
- SQS
- AWS
- Dynamo-DB
- MS SQL server
- GIS: ArcGIS
- MAGDA
- SQL modelling
- Step-functions

PROFESSIONAL BACKGROUND

04.2018 - 12.2018

Employee
Embedded Software Engineer
Productize

Productize

Employee
Embedded Software Engineer

Description:

- Embedded software consultancy;
- Bare metal STM32, TI RTOS, Arm embedded;
- Some hardware review.

Technology: C/C++

08.2016 - 12.2017

Employee
Embedded Systems Specialist
Nimera BVBA

Nimera BVBA

Employee
Embedded Systems Specialist

Description:

- Set up a prototype LoRaWAN system;
- Construct gateway and sensor prototypes (air and water quality sensors, weather stations);
- Program sensor nodes and configure server and gateways.

Technology: C/C++, C#, Rest

06.2008 - 01.2012

Employee
Software Developer
Galapagos

Galapagos

Employee
Software Developer

Description:

- Maintenance and expansion of LIMS (Lab Information Management System);
- Development of an in-house back-end PHP application with an Oracle database;
- Front-end development in Angular;
- The aim was to investigate and introduce a new way of working based on best practices.

Technology:

- C#;
- Angular;
- MVC3;
- WCF;
- Rest
- NHibernate
- CI/CD & QA (build-pipelines)

06.1999 - 06.2008

Employee
Software Developer
Zeron BVBA