



Bert G

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## REGION

Ghent - On Remote

## PROFILE

Hello,

My name is Bert, a senior developer at TRplus with a preference in back end development. My field of interest is very wide and I have obtained a MBA in Software Engineering.

My passion for technology is not only reflected in my study career, but also in my spare time. I like to learn new technologies and implement my gained knowlegde into various personal projects.

Developer profile: Backend

## PERSONAL SKILLS

- ✓ CREATIVE
- ✓ EFFICIENT
- ✓ HIGH LEARNING ABILITY
- ✓ HIGH PRODUCTIVITY
- ✓ INDEPENDENT
- ✓ INITIATIVE-TAKER
- ✓ ORGANIZED
- ✓ PROBLEM-SOLVING
- ✓ RESPONSIBLE
- ✓ STRONG ANALYTICAL SKILLS

## LANGUAGES

Dutch

English

French

## EDUCATION

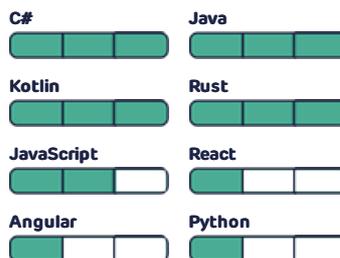
- 2011 Master Software Engineering  
UGhent
- 2009 Professional Bachelor Informatics  
UGhent

## TRAINING

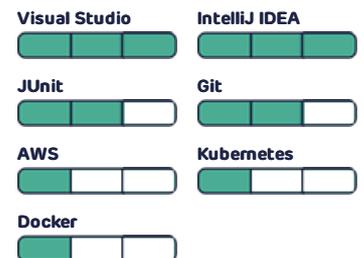
- 2020 **Accounting program Rust**  
Personal project: Developed an accounting program to practice my gained Rust knowledge.
- 2019 **Programming With Categories**  
Followed an online session to teach myself Haskell and functional programming.
- 2019 **Closer to Tabletop**  
Personal project: Developed a modification of a unity (C#) based game.

## TECHNICAL SKILLS

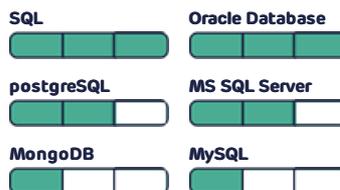
### PROGRAMMING



### SOFTWARE



### DATABASES



### METHODOLOGIES



## PROJECT HISTORY

**11.2020 - Present**

TRplus Consultant  
Backend Developer - Kotlin  
**Showpad**

### Showpad

**TRplus Consultant**  
**Backend Developer - Kotlin**

#### Description

Worked in two teams within Showpad, Team Coach (dealing with the managing of courses, and the assignments of users to courses; 11/2020 - 08/2021) and Team Libraries (dealing with the core content at the center of a Showpad application: the files and their metadata; 09/2021 - 10/2022). Similar tasks were performed in both teams:

- Maintaining and improving these services, which are REST APIs working primarily on an AWS Aurora database, with some eventing features as well. The web frameworks used for these services were Micronaut (Team Coach) and vert.x (Team Libraries)
- Unit testing, and refactoring all unit tests used by Team Libraries from the Spek framework to JUnit.
- Integration testing
- Keeping dependencies up to date, including several complex major version upgrades
- Performing code reviews

#### Technology

- Language: Kotlin
- Tools: IntelliJ, Git, Gitlab, Gradle, Docker, Kubernetes, Datadog, Sentry, AWS Aurora, AWS SQS
- Frameworks and libraries: Micronaut, vert.x, jOOQ, Spek, JUnit

## PROFESSIONAL BACKGROUND

**12.2015 - 06.2020**

Employee  
**UGhent**

### UGhent

**Employee**

Developer OASIS student administration platform:

- Existing Java application, using OracleDB, Hibernate, Swing, Spring, and custom frameworks;
- Varied work on the back end and Swing client. Adjustments and bug fixing, but also new screens and completely new modules;
- Some complex (SQL) database tasks, e.g. data migration between databases, optimization of complex materialized views.

Architect/Developer voor SHERPA:

- "Spring-based Higher Education Rapid Programming Architecture";
- R&D, architecture and development for state-of-the-art application framework;
- Back end with Oracle DB, Java Spring (Boot); different front-end versions, with Angular 1.6/2, Typescript, React, ES6.

**10.2013 - 10.2014**

Employee  
**4Division Antwerp**

### 4Division Antwerp

**Employee**

Developer for planning application for large industrial cleaning company:

- Implementation of the data model and CRUD web pages in .NET 4.0 and SQLServer 2008/2012;
- Complex database setup, which transparently combines an old, poorly maintained database with a second, new database.

R&D for new version of the internally used tools and frameworks:

- Research into the latest new technologies (mainly front-end) to build a modern, RESTful application framework;
- Mainly focused on new JavaScript and HTML5 technologies, such as Bootstrap, KnockoutJS and AngularJS;
- Final result: small demo of a Bootstrap-AngularJS setup, with standard Angular functionality, custom directives, services and routing.

**12.2011 - 08.2013**

Employee  
**Volvo IT**

### Volvo IT

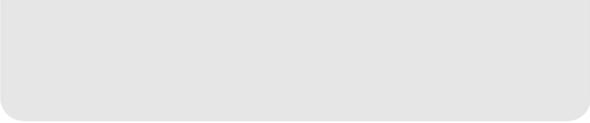
**Employee**

Architect project status monitoring tool:

- Small tool that can provide an overview of the status of internal software projects, including simple workflow logic.
- Worked on the initial high-level design and communicated with stakeholders regarding functional and technical requirements.

System Analyst construction equipment sales tool:

- Complex project that linked multimedia data to technical data, combined with a site simulator and intelligent analysis, to automatically suggest to salespeople for the required site equipment.



**Maintenance for two technologically similar, complex internal applications:**

- Both large, relatively old .NET 3.5/SQLServer 2005/2008 projects. Mainly maintenance, with occasional implementation changes.