

BRAM VANDENBON

Freelance Software Consultancy and Solutions

DETAILS

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NATIONALITY

Belgian

LINKS

<http://www.bramvandenbon.com>

SKILLS

Node.js

JavaScript, Typescript

Angular (not AngularJS)

Confluence, Jira, Git

Food Industry

Java, Spring Boot, OOP

PROFILE

>15 years full-stack software consultant in food, pharma and health.
Preferred stack: Node.js, AWS and Angular with a variety of frameworks.

EMPLOYMENT HISTORY

Freelance Node.js developer, DeepZ (customer: Intocare)

GENT

Apr 2022 — Jan 2024

A healthcare company founded in 2016 and acquired by the Corilus group.

- Serverless AWS architecture defined using Cloudformation and CDK. It uses Lambda, DynamoDB, SNS, SQS, EventBridge, Step Functions, EC2, AppSync ...

- Angular in the front-end.

- Code coverage: >90%. Thanks to test frameworks like cypress, jest, gherkin cucumber and ava.

Freelance Node.js developer, DeepZ (customer: SmartWithFood)

ZEDELGEM
(MERELBEKE)

Dec 2020 — Mar 2022

In 2020, I founded my consultancy company: DeepZ.

SmartWithFood is part of the Colruyt group, and collects data about food and leverages it to compare products for retailers or to create personal advise for consumers or dietitians.

- Node.js microservices running on Kubernetes pods, hosted on Azure.

- I create both graphql and rest APIs, for their React and Angular clients.

- Used Sequelize to access the sql server database.

- Results are cached in Elasticsearch and Redis.

- Dependency injection in our Node.js back-end.

Back End and Project Manager, Starfisk

BRUGES

Jun 2020 — Dec 2020

HOBBIES

An asian board game: Go (also known as Baduk or Weiqi)

LANGUAGES

Dutch; Flemish



English



French



Starfisk is a small startup (just ~10 employees). I work on 2 projects, one as a back-end developer, and the other as a project manager.

As a project manager, I have weekly meetings with the customer, and meetings with our management. I put functional requirements in confluence, and then create epics and stories in jira. We organize daily stand-up meetings, which I try to keep brief. I strongly believe in agile values, which focus on flexibility and transparency.

The back-end is developed with Spring Boot.

Founder, ZBaduk

ZEDELGEM

Dec 2018

ZBaduk is a tool to play and study the board game "Go". In roughly 2 years, it went from a hobby project to a registered company, and now has a revenue of ~10k EUR. A premium membership unlocks more resources. ZBaduk has about 500 premium members now and sponsors international tournaments and events.

I started the development in Node.js with Typescript, Angular, Bootstrap and Socket-io, and deployed it on GCP. Later, I migrated to AWS (EC2, DynamoDB, Lambda, CloudFront, S3,). It applies a microservice architecture with PM2, NestJS, lerna, inversify, ...

Occasionally ZBaduk hires talented freelance consultants for well defined tasks.

Software Consultant, German Edge

WICHELEN

Jan 2019 — Jun 2020

A project to unite the software of 5 international software companies in a centralized cloud platform. A small research team to create a proof of concept of a unified platform and to standardize best practices for the group.

Our POC used front-end technologies like Angular, React, Bootstrap, DevExtreme and back-end technologies like Spring boot, Jersey, Jetty, Hibernate. I also participated in open-source projects for OpenAPI source generators.

Technical Consultant, Objective

WICHELEN

Oct 2014 — Jan 2019

As the company started to focus more on industrial bakeries and frozen food sectors, we also encountered many technical challenges related to machine interfacing. For our sales team, (not) being able to communicate with an industrial machine is a selling or breaking point.

I was involved a lot in pre-sales meetings to communicate with hardware vendors and to work out technical solutions. I visited many customers and hardware vendors in Belgium, Netherlands and France, learned a lot about communication protocols. During this period, I wrote about 20 drivers for machine communication (all of them in java).

Starting from 2015 I taught junior developers (~7 attendees on average in a 3 day training). On some rare occasions, also offered courses to external developers (e.g. Picanol), (~3 attendees, in training sessions of 2 weeks). Usually those training session were followed by on-site technical coaching.

Technical Lead, Objective (main customer: Proximus)

WICHELEN
(BRUSSELS)

Oct 2011 — Oct 2014

An application for Proximus to centralize and monitor all events of more than 10 different software applications. This central application is still used today by all Proximus technicians on the road, their warehouses, shops and dealers. It contains mechanisms to trigger a replenishment and alarms, and dashboards to provide an inventory overview.

I visited Proximus twice a week, to build the specifications, to talk about support issues and to report on our progress.

In our offices, I prepared the technical analysis for our 4 software developers, organized sprint meetings and coached them where necessary.

I also developed myself (mostly in the java back-end). I worked with technologies such as JMS (java messaging), JAX-WS (webservices), JAXB, microservices and created an initial proof-of-concept for a jquery front-end, which effectively replaced our swing front-end.

Nightly Support, Objective

WICHELEN

Jan 2010 — Jun 2017

Objective offers premium support contracts for which customers can count on 24/7 support.

Objective put together a team of 2 to 4 software developers who would alternate turns to stand by at night. Those developers combined this with their day-time job, and had regular meetings to stay up-to-date with all premium customers functional and technical scope.

In 2010 we had an average of ~1 call / month. By 2016, we had an average of ~1 call / night.

Software Developer, De Clercq / Objective

WICHELEN

Sep 2007 — Oct 2011

Small teams (usually 1 developer + 1 project owner/analyst) implemented WMS software (warehouse management). Thanks to our in-house java framework, we could focus on business-logic and deliver projects in months instead of years. All software was written in java. I visited more than 10 different companies (mostly in food).

EDUCATION

Agile and scrum training

German Edge hired top notch trainers to teach us about the agile values and the scrum methodology.

Certified Java Professional, Oracle

Self-study, and passed 2 certification exams (OCJA, OCJP).

APICS fundamentals

A course about the fundamentals of Supply Chain Management.

Master - Industrial Engineer (MIT), PIH Kortrijk

KORTRIJK

Sep 2005 — Jun 2007

A strong foundation in mathematics. Other valuable topics were "Project Management", "Quality", "IT governance", "Marketing", ...

Bachelor in Computer Science, Simon Stevin

BRUGGE

Sep 2002 — Jun 2005

This degree is focused 100% on software development. It includes topics like C++, C#, Java, OOP, ... even languages like COBOL, RPG.

REFERENCES

References available upon request