

Vincent VANGHELLE

Senior software developer

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Thanks to my varied experiences over the past 15 years, I have developed my full stack expertise, going from DevOps (Docker, k8s) to frontend development (React, Vue), including backend (Java, Spring, NestJS) and Web3.

Over the last few years, I have also taken on managerial responsibilities, being in charge of up to three confirmed developers.

I have covered domains like Banking (Societe Generale, Desjardins), Retail (Decathlon, Auchan, Doingud) and payment (Decathlon, Desjardins).

As partisan of good development practices (TDD, Clean code, refactoring, CI/CD, etc.), I combine my customer needs analysis with a full stack vision of applications to guarantee the success of the projects entrusted to me.

Backend Expertise

Java : Expert
Spring : Advanced
TypeScript : Advanced
NodeJS : Advanced
SQL : Advanced

Frameworks

Maven, Spring (core, boot, data, batch), JPA, Liquibase, Junit, Mockito, Hybris, Cambunda, NestJS, Prisma

Frontend Expertise

React : Expert
Angular: Intermediate
HTML : Advanced

Frameworks

Yarn, ANTD, Material UI, Redux, Styled components, Jest

DevOps Expertise

CI/CD: Advanced
Git, Github actions, Jenkins pipelines, Sonarcloud, Docker, Kubernetes (EKS), Helm
Ops: Beginner
Terraform (on AWS), Saltstack

Methodology

Agile (Scrum, Kanban), TDD, DDD, DevOps

LATEST EXPERIENCES

Zenika Canada

Senior consultant (November 2018 - Today)

- In parallel of my missions as a consultant, within Zenika I am in charge of :
- Mentorship / Management: I've been mentoring up to four developers during 2023, and my role evolved in the beginning of 2024 to manager. Part of my regular tasks includes monthly touch ups, being a referral for any concern, and preparing their yearly reviews.
 - Conducting technical interviews for our future coworkers: Assessed candidates' technical skills for roles including backend and frontend development.

Decathlon **Lead Tech consultant** (November 2022 - Today)

As tech lead of a 5 developers team on the "Checkout" part on the OneShop e-commerce project, I was involved in a number of areas:

- Analysis and development of a common Checkout solution for e-commerce projects
- Development of widgets with Svelte to replace parts of the Prestashop solution
- Integration of Prestashop payment modules
- Implementation of a A/B testing solution with Statsig
- Production support: log analysis, ticketing and debugging

Technical environment:

- *Frontend : Svelte, Tailwind, Jest, Playwright*
- *Backend Node : NestJS with Typescript, Jest*
- *DevOps: Github actions, Kubernetes on GCP, Helm charts*

Runview **Fullstack expertise** (September 2022 - November 2022)

Runview develops an accounting data analysis technology to detect accounting anomalies to protect companies from financial losses and risks related to accounting.

Within the development team, I was involved in the ISO functional redesign of the backoffice.

Technical environment:

- *Frontend : React, Material UI, Jest*
- *Backend Node : NestJS with Typescript, Jest*

PeopleSpheres **Fullstack expertise** (July 2022 - September 2022)

SmartConnector app acts as an ETL tool and allows customers to configure flows between multiple HR tools (from partners).

Within the development team, I have set up some critical frontend apps and microservices (code architecture, tests, CI and good practices) and implemented functional features.

Technical environment:

- *Frontend : React, Redux, Antd, Styled components, Jest*
- *Backend Node : NestJS with Typescript, Jest, Prisma, Postgresql*
- *Backend Java : Java 17, Spring boot, JPA, Junit & Mockito, Liquibase, Postgresql*
- *CI : Docker, Github actions, Sonarcloud*

DoinGud Full stack developer (May 2021 - July 2022)

Integrated in the Doingud development team (NFT sales platform with social purpose), I was in charge of :

- The development of the platform in global: Frontend, backoffice, microservices architecture, interfacing with smart contracts (blockchain)
- Maintaining the technical debt and the quality of the code (code reviews, technical workshops)
- Technical and functional support for product managers

Technical environment: Typescript, NestJS, React, Antd, Styled components, IDX (Ceramic Network), Ethers JS, The Graph, IPFS, Kubernetes, AWS

Fresche Solutions Full stack developer - Tech lead (November 2020 - May 2021)

Integrated in the Optum team (UnitedHealth Group), I was in charge of :

- Integration of the migration of the current platform (IBMi -> Java code generation)
- Development of non-automatically generated functionality (COBOL code study)
- Competence building of the development team (full remote context, world wide) on the generated tool and Java
- Deployment of the environments and support of the customer in his migration

Technical environment : Java, Maven, Docker, Openshift

Decathlon Canada Senior Java developer / SRE (February 2020 - October 2020)

Within the SRE e-commerce team, research and development of a new online sales platform, multi-country oriented. Mission and main tasks :

- Implementation and automation of the infrastructure on AWS via Terraform modules (EKS) and Helm charts
- Installation of the tools necessary for a software automation chain (CI/CD, config) and production monitoring: Spinnaker, Vault, ELK, Rundeck.
- Implementation of a payment service provider: Adyen

Technical environment: Terraform, AWS (EKS), Helm, ELK

Within the e-commerce team, integration of an Order Management System application. Mission and main tasks :

- Implementation of continuous integration via Google Cloud Build
- Deployment of the micro-services oriented solution via Helm charts on Kubernetes (GKE)
- Knowledge sharing, technical and functional documentation of the delivered work

Technical environment: Java 14, Spring boot, Maven, Kubernetes (on GCP), Helm

Société Générale **Senior full stack developer** (June 2019 - February 2020)

Within the ARC/LAB team, development and production monitoring of a "Workflow as service" platform.

Mission and main tasks :

- Development of functionalities on the existing platform (Java Backend, Camunda integration, Angular front)
- Development of a new microservices oriented platform (Camunda Server, task management, forms management), as well as a new frontend based on Web Components
- Migration of applications from Docker swarm to Kubernetes
- Production monitoring (production deployment, user support) and developer support

Technical environment: JAVA 8, Kotlin, TypeScript, Spring boot, Maven / NPM / Jenkins, JUnit, React, Kubernetes

Desjardins **Full stack programmer analyst** (November 2018 - May 2019)

Within the Online Solutions department, development of web applications.

Mission and main tasks :

- Development of REST services
- Angular front end application development
- Industrialization of application builds (CI, code quality)
- Integration of these pages to the legacy

Technical environment: JAVA 8, Spring (Boot, Batch), Maven / Gradle, JUnit/Mockito, Javascript, Angular, GIT, PCF, Concourse

Decathlon France **Full stack developer** (May 2016 - October 2018)

Project Onepay: Redesign of the Easypay payment brick - Independent payment interface, allowing to decorelate the website (and other platforms) of different payment service providers (Bank, PayPal, etc.).

Mission and main tasks :

- Fork and upgrade of the existing application (Spring MVC / GWT) to Spring-boot / React
- Remove the Decathlon framework, migration to standard solutions (Security, batch)
- Design and development of the new administration interface (React)
- Dockerization (Continuous Delivery perspective)
- Technical supervision of the team

Technical environment: JAVA 8, Spring (Boot, Batch, Security), Maven, JUnit/Mockito, Javascript, React, GIT, Docker, Jenkins

Project Cube: Redesign of the e-commerce site in a multi-country and multi-channel perspective.

I worked as a fullstack developer on the "BUY" feature, I was in charge of :

- The design and development of the functionalities (Front & backoffice, integration with the IS), in particular on the "payment" part.
- Test development (unitary, functional)
- Animation of technical workshops
- Development of screens on the "Customer services" application, in React.

Environment: Oracle ATG, Java 7, Play Framework, Selenium, GIT, React, Agile methodology

Project Wallet: Application managing the various means of payment of a customer, in the form of tokens.

Mission and main tasks :

- Design and development of the API for the website
- Implementation of the software factory (Jenkins, sonar)

Technical environment: JAVA 8, Spring (Boot, Batch, Security), Maven, JUnit/Mockito, Couchbase 4.6, GIT, Docker, Jenkins

Auchan **Full stack developer - Technical leader** (September 2014 - March 2016)

Project Efood : Development of a food e-commerce platform (drive, delivery) with a multi-country perspective (core & specific functionalities)

As technical leader of a team of 8 developers, my mission was :

- The realization of technical studies (POC)
- The design and development of functionalities (Front & backoffice, integration with the IS)
- Developer support (animation of technical workshops, code reviews)
- Support until production start-up for the pilot country: Poland

Environment: Hybris, Java, Spring (Core, MVC, Security), JSP, jQuery, GIT, Agile methodology

TRAINING

June 2019: Kubernetes

June 2016: CS300 Couchbase NoSQL Server Administration

December 2015: IAF Enterprise Architecture

October 2014: Hybris Developer Part II - Commerce

January 2014: Android - Advanced

EDUCATION

2008 - 2010: University of Science and Technology - Lille (59)

- Master " Engineer and Architecture of Major Software " (I.A.G.L.) - Apprenticeship

2004 - 2008: University of Science and Technology - Lille (59)

- Bachelor's Degree in Mathematical and Computer Engineering (G.M.I)
- **Valedictorian**

2004: Lycée Fénelon - Cambrai (59)

- Scientific Baccaureate, speciality Mathematics

LANGUAGES

French (native), English (Full Professional Proficiency)